

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY062920\
 Data File : VY003001.D
 Acq On : 29 Jun 2020 11:54
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 6/30/2020 12:54:05 PM

Quant Time: Jun 29 17:46:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:26:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	459322	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	674506	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	617155	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	326293	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	92789	20.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.68%	
35) Dibromofluoromethane	7.72	113	84684	20.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.26%	
50) Toluene-d8	10.18	98	313423	19.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.98%	
62) 4-Bromofluorobenzene	12.48	95	110121	19.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.92%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.90	85	68545	19.705	ug/l 96
3) Chloromethane	2.12	50	100325	19.695	ug/l 96
4) Vinyl Chloride	2.26	62	101262	20.379	ug/l 99
5) Bromomethane	2.64	94	67147	19.903	ug/l 100
6) Chloroethane	2.79	64	64618	20.443	ug/l 100
7) Trichlorofluoromethane	3.13	101	143044	20.396	ug/l 99
8) Diethyl Ether	3.54	74	48777	20.288	ug/l 95
9) 1,1,2-Trichlorotrifluoroet	3.90	101	86456	20.646	ug/l 98
10) Methyl Iodide	4.09	142	105353	20.290	ug/l 98
11) Tert butyl alcohol	4.97	59	46786	100.632	ug/l 98
12) 1,1-Dichloroethene	3.88	96	80175	20.123	ug/l 99
13) Acrolein	3.74	56	46399	111.118	ug/l 99
14) Allyl chloride	4.49	41	143936	20.691	ug/l 99
15) Acrylonitrile	5.18	53	124648	100.596	ug/l 100
16) Acetone	3.95	43	105063	97.648	ug/l 94
17) Carbon Disulfide	4.20	76	261081	20.509	ug/l 100
18) Methyl Acetate	4.49	43	57346	19.783	ug/l 100
19) Methyl tert-butyl Ether	5.23	73	233158	20.076	ug/l 99
20) Methylene Chloride	4.72	84	116204	19.350	ug/l 96
21) trans-1,2-Dichloroethene	5.23	96	91756	20.360	ug/l 99
22) Diisopropyl ether	6.13	45	305004	20.457	ug/l 99
23) Vinyl Acetate	6.07	43	1014816	101.806	ug/l 99
24) 1,1-Dichloroethane	6.02	63	167679	20.588	ug/l 99
25) 2-Butanone	6.99	43	170997	100.049	ug/l 97
26) 2,2-Dichloropropane	6.99	77	150474	20.335	ug/l 99
27) cis-1,2-Dichloroethene	6.99	96	102182	20.214	ug/l 99
28) Bromochloromethane	7.34	49	67124	18.523	ug/l 96
29) Tetrahydrofuran	7.36	42	114301	100.566	ug/l 99
30) Chloroform	7.51	83	165740	20.541	ug/l 99
31) Cyclohexane	7.79	56	163853	20.422	ug/l 98
32) 1,1,1-Trichloroethane	7.71	97	150457	20.429	ug/l 99
36) 1,1-Dichloropropene	7.92	75	131931	20.306	ug/l 99
37) Ethyl Acetate	7.08	43	78560	20.111	ug/l 100
38) Carbon Tetrachloride	7.91	117	137574	20.352	ug/l 97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY062920\
 Data File : VY003001.D
 Acq On : 29 Jun 2020 11:54
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 6/30/2020 12:54:05 PM

Quant Time: Jun 29 17:46:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:26:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	165224	20.511	ug/l	98
40) Benzene	8.16	78	365548	20.551	ug/l	100
41) Methacrylonitrile	7.32	41	38333m	8.000	ug/l	
42) 1,2-Dichloroethane	8.24	62	116168	20.644	ug/l	99
43) Isopropyl Acetate	8.28	43	146354	19.707	ug/l	98
44) Trichloroethene	8.94	130	104415	20.196	ug/l	99
45) 1,2-Dichloropropane	9.22	63	97995	20.478	ug/l	98
46) Dibromomethane	9.31	93	53763	20.115	ug/l	98
47) Bromodichloromethane	9.50	83	130486	19.938	ug/l	98
48) Methyl methacrylate	9.30	41	67135	19.861	ug/l	98
49) 1,4-Dioxane	9.30	88	12924	396.122	ug/l	97
51) 4-Methyl-2-Pentanone	10.07	43	386419	100.674	ug/l	100
52) Toluene	10.24	92	226998	20.273	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	136607	19.909	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	156148	19.898	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	73847	19.883	ug/l	88
56) Ethyl methacrylate	10.51	69	108867	20.250	ug/l	98
57) 1,3-Dichloropropane	10.79	76	131802	20.215	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	254013	92.123	ug/l	100
59) 2-Hexanone	10.83	43	267425	99.679	ug/l	99
60) Dibromochloromethane	10.99	129	93961	19.769	ug/l	99
61) 1,2-Dibromoethane	11.09	107	73143	19.976	ug/l	99
64) Tetrachloroethene	10.72	164	106074	20.308	ug/l	97
65) Chlorobenzene	11.52	112	249569	20.508	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	95617	20.125	ug/l	99
67) Ethyl Benzene	11.59	91	452651	20.332	ug/l	100
68) m/p-Xylenes	11.70	106	335154	40.450	ug/l	99
69) o-Xylene	12.03	106	159225	20.393	ug/l	98
70) Styrene	12.04	104	269508	20.205	ug/l	100
71) Bromoform	12.20	173	63222	19.956	ug/l #	100
73) Isopropylbenzene	12.33	105	433281	20.290	ug/l	100
74) N-amyl acetate	12.14	43	141464	20.349	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	85609	19.866	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	63099m	11.314	ug/l	
77) Bromobenzene	12.61	156	110381	20.160	ug/l	99
78) n-propylbenzene	12.67	91	526932	20.518	ug/l	99
79) 2-Chlorotoluene	12.75	91	295471	20.612	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	368503	20.564	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	33233	20.022	ug/l	98
82) 4-Chlorotoluene	12.85	91	300863	20.158	ug/l	99
83) tert-Butylbenzene	13.08	119	322833	20.517	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	369480	20.462	ug/l	99
85) sec-Butylbenzene	13.25	105	451698	20.827	ug/l	99
86) p-Isopropyltoluene	13.37	119	412034	20.503	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	206613	20.212	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	207490	20.585	ug/l	99
89) n-Butylbenzene	13.69	91	399680	20.786	ug/l	99
90) Hexachloroethane	13.96	117	81794	20.497	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	188487	20.552	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	15375	20.154	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY062920\
Data File : VY003001.D
Acq On : 29 Jun 2020 11:54
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

MMDadoda
6/30/2020 12:54:05 PM

Quant Time: Jun 29 17:46:50 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
Quant Title : SW846 8260
QLast Update : Mon Jun 29 17:26:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	139379	20.452	ug/l	99
94) Hexachlorobutadiene	15.11	225	89918	20.918	ug/l	99
95) Naphthalene	15.23	128	249530	20.046	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	117535	19.862	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

