

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY052020\
 Data File : VY002721.D
 Acq On : 20 May 2020 11:16
 Operator : SY/MD
 Sample : VY0520SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0520SBS01

Manual Integrations
 APPROVED

MMDadoda
 5/21/2020 1:14:36 PM

Quant Time: May 21 03:48:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y051520S.M
 Quant Title : SW846 8260
 QLast Update : Sat May 16 04:52:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	420468	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	615474	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	553974	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	283381	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	163922	49.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.68%	
35) Dibromofluoromethane	7.72	113	177820	52.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.70%	
50) Toluene-d8	10.18	98	707390	51.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.46%	
62) 4-Bromofluorobenzene	12.48	95	239095	50.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	62197	20.643	ug/l	100
3) Chloromethane	2.12	50	70565	20.450	ug/l	97
4) Vinyl Chloride	2.26	62	75445	20.983	ug/l	97
5) Bromomethane	2.65	94	52393	19.660	ug/l	100
6) Chloroethane	2.80	64	46066	20.035	ug/l	97
7) Trichlorofluoromethane	3.13	101	120502	19.886	ug/l	98
8) Diethyl Ether	3.54	74	41130	19.953	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.91	101	76181	20.740	ug/l	99
10) Methyl Iodide	4.10	142	98241	19.431	ug/l	99
11) Tert butyl alcohol	4.97	59	33164	99.290	ug/l	99
12) 1,1-Dichloroethene	3.88	96	73660	19.972	ug/l	97
13) Acrolein	3.74	56	35454	90.499	ug/l	99
14) Allyl chloride	4.49	41	109508	20.682	ug/l	98
15) Acrylonitrile	5.18	53	92692	99.310	ug/l	100
16) Acetone	3.96	43	61674	90.965	ug/l	95
17) Carbon Disulfide	4.20	76	229499	19.838	ug/l	98
18) Methyl Acetate	4.49	43	39450	20.407	ug/l	98
19) Methyl tert-butyl Ether	5.23	73	182487	19.948	ug/l	98
20) Methylene Chloride	4.72	84	79467	19.390	ug/l	99
21) trans-1,2-Dichloroethene	5.22	96	82263	20.059	ug/l	97
22) Diisopropyl ether	6.13	45	216851	20.643	ug/l	97
23) Vinyl Acetate	6.07	43	680184	101.120	ug/l	99
24) 1,1-Dichloroethane	6.03	63	127641	20.334	ug/l	99
25) 2-Butanone	6.99	43	109103	97.259	ug/l	99
26) 2,2-Dichloropropane	6.99	77	119379	20.440	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	88776	20.034	ug/l	98
28) Bromochloromethane	7.34	49	52203	21.023	ug/l	98
29) Tetrahydrofuran	7.35	42	75991	99.562	ug/l	99
30) Chloroform	7.52	83	131211	20.140	ug/l	100
31) Cyclohexane	7.79	56	128516	20.186	ug/l	95
32) 1,1,1-Trichloroethane	7.71	97	120761	20.061	ug/l	100
36) 1,1-Dichloropropene	7.93	75	107360	20.605	ug/l	99
37) Ethyl Acetate	7.08	43	53294	20.796	ug/l	99
38) Carbon Tetrachloride	7.91	117	112944	20.169	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY052020\
 Data File : VY002721.D
 Acq On : 20 May 2020 11:16
 Operator : SY/MD
 Sample : VY0520SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0520SBS01

Manual Integrations
 APPROVED

MMDadoda
 5/21/2020 1:14:36 PM

Quant Time: May 21 03:48:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y051520S.M
 Quant Title : SW846 8260
 QLast Update : Sat May 16 04:52:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	141996	20.268	ug/l	98
40) Benzene	8.16	78	310771	20.442	ug/l	99
41) Methacrylonitrile	7.32	41	25544m	16.591	ug/l	
42) 1,2-Dichloroethane	8.24	62	79919	19.932	ug/l	99
43) Isopropyl Acetate	8.28	43	96308	20.222	ug/l	98
44) Trichloroethene	8.94	130	98731	20.374	ug/l	98
45) 1,2-Dichloropropane	9.22	63	73153	20.275	ug/l	99
46) Dibromomethane	9.31	93	40883	20.168	ug/l	100
47) Bromodichloromethane	9.50	83	99498	20.111	ug/l	94
48) Methyl methacrylate	9.30	41	43812	19.980	ug/l	97
49) 1,4-Dioxane	9.30	88	10338	374.446	ug/l	100
51) 4-Methyl-2-Pentanone	10.07	43	248726	101.154	ug/l	99
52) Toluene	10.24	92	196932	20.017	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	104734	19.834	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	124986	20.417	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	60896	20.178	ug/l	99
56) Ethyl methacrylate	10.51	69	80709	20.088	ug/l	99
57) 1,3-Dichloropropane	10.79	76	100873	19.946	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	195708	98.671	ug/l	100
59) 2-Hexanone	10.83	43	168423	98.314	ug/l	99
60) Dibromochloromethane	10.99	129	77039	19.981	ug/l	99
61) 1,2-Dibromoethane	11.09	107	59568	20.034	ug/l	100
64) Tetrachloroethene	10.72	164	108470	20.624	ug/l	99
65) Chlorobenzene	11.52	112	218214	20.385	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	81316	20.467	ug/l	99
67) Ethyl Benzene	11.60	91	383654	20.412	ug/l	98
68) m/p-Xylenes	11.70	106	296084	40.490	ug/l	99
69) o-Xylene	12.03	106	139980	20.395	ug/l	99
70) Styrene	12.05	104	239640	20.336	ug/l	99
71) Bromoform	12.21	173	48967	19.939	ug/l #	100
73) Isopropylbenzene	12.33	105	384274	20.753	ug/l	100
74) N-amyl acetate	12.14	43	89847	20.678	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	55161	20.230	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	49527m	21.276	ug/l	
77) Bromobenzene	12.61	156	94586	20.432	ug/l	99
78) n-propylbenzene	12.67	91	446058	20.708	ug/l	100
79) 2-Chlorotoluene	12.76	91	244481	20.463	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	318341	20.461	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	24957	20.275	ug/l #	77
82) 4-Chlorotoluene	12.86	91	257178	20.550	ug/l	99
83) tert-Butylbenzene	13.08	119	280661	20.383	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	314895	20.251	ug/l	100
85) sec-Butylbenzene	13.25	105	391125	20.585	ug/l	100
86) p-Isopropyltoluene	13.37	119	364027	20.468	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	178506	19.999	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	177551	19.980	ug/l	99
89) n-Butylbenzene	13.70	91	333019	20.389	ug/l	100
90) Hexachloroethane	13.96	117	65897	20.004	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	157549	19.682	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	10439	19.964	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY052020\
Data File : VY002721.D
Acq On : 20 May 2020 11:16
Operator : SY/MD
Sample : VY0520SBS01
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBS01

Manual Integrations
APPROVED

MMDadoda
5/21/2020 1:14:36 PM

Quant Time: May 21 03:48:43 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y051520S.M
Quant Title : SW846 8260
QLast Update : Sat May 16 04:52:36 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	114762	17.839	ug/l	99
94) Hexachlorobutadiene	15.11	225	71513	18.449	ug/l	99
95) Naphthalene	15.23	128	200987	18.231	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	95185	17.155	ug/l	99

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

