

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY042020\
 Data File : VY002420.D
 Acq On : 20 Apr 2020 13:33
 Operator : SY/MD
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Quant Time: Apr 20 14:54:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042020S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 20 14:34:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	279228	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	433913	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	390503	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	197557	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	21256	7.26	ug/l	0.00
Spiked Amount			Recovery	=	14.52%	
35) Dibromofluoromethane	7.74	113	23513	9.28	ug/l	0.00
Spiked Amount			Recovery	=	18.56%	
50) Toluene-d8	10.19	98	98899	9.41	ug/l	0.00
Spiked Amount			Recovery	=	18.82%	
62) 4-Bromofluorobenzene	12.49	95	32807	9.49	ug/l	0.00
Spiked Amount			Recovery	=	18.98%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	17838	6.646	ug/l	95
3) Chloromethane	2.12	50	23177	6.896	ug/l	97
4) Vinyl Chloride	2.26	62	24564	6.834	ug/l	96
5) Bromomethane	2.66	94	16837	7.589	ug/l	97
6) Chloroethane	2.81	64	15098	7.296	ug/l	97
7) Trichlorofluoromethane	3.14	101	38014	8.022	ug/l	97
8) Diethyl Ether	3.55	74	15157	7.599	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.91	101	25090	7.827	ug/l	99
10) Methyl Iodide	4.11	142	30804	8.013	ug/l	98
11) Tert butyl alcohol	4.98	59	13124	33.592	ug/l	100
12) 1,1-Dichloroethene	3.89	96	25948	7.935	ug/l	95
13) Acrolein	3.76	56	10610	27.859	ug/l	98
14) Allyl chloride	4.50	41	30849	6.069	ug/l	97
15) Acrylonitrile	5.19	53	34348	34.151	ug/l	99
16) Acetone	3.96	43	26386	34.064	ug/l	95
17) Carbon Disulfide	4.21	76	76404	7.116	ug/l	97
18) Methyl Acetate	4.50	43	15733	6.620	ug/l	95
19) Methyl tert-butyl Ether	5.24	73	62039	7.346	ug/l	98
20) Methylene Chloride	4.74	84	31834	8.199	ug/l	97
21) trans-1,2-Dichloroethene	5.24	96	28415	7.783	ug/l	96
22) Diisopropyl ether	6.14	45	65253	6.393	ug/l	99
23) Vinyl Acetate	6.08	43	202053	30.975	ug/l	99
24) 1,1-Dichloroethane	6.04	63	40803	6.914	ug/l	98
25) 2-Butanone	7.01	43	38745	31.887	ug/l	99
26) 2,2-Dichloropropane	7.00	77	35043	7.033	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	30928	7.785	ug/l	99
28) Bromochloromethane	7.35	49	15966	6.401	ug/l	98
29) Tetrahydrofuran	7.36	42	25538	31.889	ug/l	98
30) Chloroform	7.53	83	41972	7.470	ug/l	93
31) Cyclohexane	7.80	56	43012	6.986	ug/l #	89
32) 1,1,1-Trichloroethane	7.72	97	37120	7.899	ug/l	99
36) 1,1-Dichloropropene	7.94	75	34084	8.195	ug/l	99
37) Ethyl Acetate	7.10	43	15717	6.745	ug/l	97
38) Carbon Tetrachloride	7.92	117	34171	9.352	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY042020\
 Data File : VY002420.D
 Acq On : 20 Apr 2020 13:33
 Operator : SY/MD
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Quant Time: Apr 20 14:54:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042020S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 20 14:34:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.19	83	47477	8.368	ug/l	100
40) Benzene	8.18	78	105560	8.343	ug/l	98
41) Methacrylonitrile	7.33	41	7739	5.651	ug/l #	36
42) 1,2-Dichloroethane	8.25	62	24828	7.962	ug/l	100
43) Isopropyl Acetate	8.29	43	30068	7.088	ug/l	99
44) Trichloroethene	8.96	130	35849	9.398	ug/l	100
45) 1,2-Dichloropropane	9.23	63	24433	7.887	ug/l	95
46) Dibromomethane	9.32	93	14357	8.701	ug/l	99
47) Bromodichloromethane	9.51	83	31837	8.431	ug/l	98
48) Methyl methacrylate	9.30	41	13160	6.909	ug/l	95
49) 1,4-Dioxane	9.32	88	4449	189.646	ug/l	94
51) 4-Methyl-2-Pentanone	10.08	43	80064	36.078	ug/l	100
52) Toluene	10.25	92	67669	8.828	ug/l	100
53) t-1,3-Dichloropropene	10.48	75	34086	8.323	ug/l	94
54) cis-1,3-Dichloropropene	9.94	75	40576	8.247	ug/l	98
55) 1,1,2-Trichloroethane	10.66	97	21849	9.030	ug/l	98
56) Ethyl methacrylate	10.52	69	26931	7.916	ug/l	99
57) 1,3-Dichloropropane	10.80	76	35214	8.366	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	69745	39.511	ug/l	99
59) 2-Hexanone	10.84	43	57318	37.243	ug/l	96
60) Dibromochloromethane	10.99	129	25667	9.758	ug/l	99
61) 1,2-Dibromoethane	11.10	107	20562	8.873	ug/l	97
64) Tetrachloroethene	10.73	164	43017	10.754	ug/l	98
65) Chlorobenzene	11.53	112	75527	9.394	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.60	131	26376	9.855	ug/l	99
67) Ethyl Benzene	11.60	91	129248	8.870	ug/l	99
68) m/p-Xylenes	11.71	106	101034	18.394	ug/l	98
69) o-Xylene	12.04	106	47821	9.274	ug/l	97
70) Styrene	12.05	104	82268	9.209	ug/l	99
71) Bromoform	12.22	173	16275	10.964	ug/l #	98
73) Isopropylbenzene	12.34	105	128981	8.541	ug/l	99
74) N-amyl acetate	12.15	43	27240	6.531	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	15652	8.551	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	15741m	7.166	ug/l	
77) Bromobenzene	12.62	156	32368	9.538	ug/l	99
78) n-propylbenzene	12.68	91	150183	8.045	ug/l	100
79) 2-Chlorotoluene	12.77	91	83303	8.207	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	105825	8.479	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	8461	7.475	ug/l	97
82) 4-Chlorotoluene	12.86	91	86760	8.155	ug/l #	100
83) tert-Butylbenzene	13.08	119	92562	8.820	ug/l	98
84) 1,2,4-Trimethylbenzene	13.13	105	106174	8.513	ug/l	100
85) sec-Butylbenzene	13.26	105	131500	8.432	ug/l	100
86) p-Isopropyltoluene	13.38	119	120140	8.900	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	62444	9.546	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	62023	9.329	ug/l	97
89) n-Butylbenzene	13.70	91	110302	8.065	ug/l	99
90) Hexachloroethane	13.97	117	21867	8.518	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	57358	9.648	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	3595	8.185	ug/l	95

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY042020\
Data File : VY002420.D
Acq On : 20 Apr 2020 13:33
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Quant Time: Apr 20 14:54:23 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042020S.M
Quant Title : SW846 8260
QLast Update : Mon Apr 20 14:34:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	40167	10.154	ug/l	99
94) Hexachlorobutadiene	15.12	225	21686	10.757	ug/l	99
95) Naphthalene	15.25	128	76122	8.990	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	35214	10.256	ug/l	99

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

