

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111622\
 Data File : VY011467.D
 Acq On : 16 Nov 2022 12:47
 Operator : KP/MD
 Sample : VY1116SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1116SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa
 Patel

Quant Time: Nov 17 03:15:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 10 17:47:26 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	286427	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	446403	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	404502	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	204967	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	111095	46.286	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.580%
35) Dibromofluoromethane	7.716	113	124002	49.566	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.140%
50) Toluene-d8	10.179	98	446623	46.731	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.460%
62) 4-Bromofluorobenzene	12.483	95	169062	50.715	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.440%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	34589	17.055	ug/l	96
3) Chloromethane	2.113	50	36108	15.685	ug/l	98
4) Vinyl Chloride	2.253	62	42255	15.572	ug/l	99
5) Bromomethane	2.644	94	32474	16.526	ug/l	100
6) Chloroethane	2.790	64	28980	16.083	ug/l	97
7) Trichlorofluoromethane	3.125	101	67485	15.762	ug/l	94
8) Diethyl Ether	3.528	74	25859	17.199	ug/l	74
9) 1,1,2-Trichlorotrifluo...	3.899	101	40143	15.465	ug/l	94
10) Methyl Iodide	4.088	142	52269	15.098	ug/l	90
11) Tert butyl alcohol	4.942	59	41304	124.782	ug/l #	94
12) 1,1-Dichloroethene	3.869	96	39345	15.309	ug/l #	81
13) Acrolein	3.729	56	11656	148.592	ug/l	97
14) Allyl chloride	4.479	41	56053	16.161	ug/l #	82
15) Acrylonitrile	5.161	53	65476	91.142	ug/l	96
16) Acetone	3.948	43	59106	93.322	ug/l #	77
17) Carbon Disulfide	4.192	76	110809	14.475	ug/l	99
18) Methyl Acetate	4.479	43	35680	19.629	ug/l #	83
19) Methyl tert-butyl Ether	5.222	73	118321	17.603	ug/l	95
20) Methylene Chloride	4.716	84	86541	20.754	ug/l #	74
21) trans-1,2-Dichloroethene	5.222	96	48053	16.399	ug/l #	81
22) Diisopropyl ether	6.119	45	128657	17.381	ug/l #	91
23) Vinyl Acetate	6.058	43	369020	85.216	ug/l #	86
24) 1,1-Dichloroethane	6.021	63	82141	17.041	ug/l	99
25) 2-Butanone	6.984	43	84554	93.723	ug/l #	78
26) 2,2-Dichloropropane	6.978	77	76179	16.899	ug/l	95
27) cis-1,2-Dichloroethene	6.984	96	57432	17.415	ug/l	83
28) Bromochloromethane	7.332	49	34281	19.583	ug/l #	68
29) Tetrahydrofuran	7.350	42	48696	89.107	ug/l #	74
30) Chloroform	7.509	83	89492	17.554	ug/l	98
31) Cyclohexane	7.783	56	62486	14.488	ug/l #	79
32) 1,1,1-Trichloroethane	7.704	97	76207	16.528	ug/l	92
36) 1,1-Dichloropropene	7.917	75	62197	16.018	ug/l	96
37) Ethyl Acetate	7.076	43	33525	17.974	ug/l #	89
38) Carbon Tetrachloride	7.899	117	68484	16.214	ug/l	98
39) Methylcyclohexane	9.185	83	69835	14.719	ug/l	88
40) Benzene	8.161	78	196310	16.930	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	19263m	19.944	ug/l	11/17/2022
42) 1,2-Dichloroethane	8.240	62	54030	17.781	ug/l	Supervised By :Mahesh Dadoda
43) Isopropyl Acetate	8.271	43	59086	17.560	ug/l #	83
44) Trichloroethene	8.941	130	54632	16.773	ug/l	100
45) 1,2-Dichloropropane	9.216	63	48336	17.516	ug/l	97
46) Dibromomethane	9.307	93	28502	17.739	ug/l	95
47) Bromodichloromethane	9.496	83	68105	17.692	ug/l	97
48) Methyl methacrylate	9.295	41	25920	17.142	ug/l #	70
49) 1,4-Dioxane	9.295	88	8222	374.831	ug/l #	79
51) 4-Methyl-2-Pentanone	10.069	43	166658	92.105	ug/l #	83
52) Toluene	10.246	92	127868	17.269	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	70439	17.746	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	81408	17.770	ug/l #	75
55) 1,1,2-Trichloroethane	10.642	97	43397	18.651	ug/l	97
56) Ethyl methacrylate	10.508	69	53333	17.825	ug/l #	68
57) 1,3-Dichloropropane	10.788	76	70462	18.153	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.783	63	140677	101.714	ug/l	91
59) 2-Hexanone	10.831	43	118602	92.525	ug/l	79
60) Dibromochloromethane	10.984	129	52801	18.385	ug/l	100
61) 1,2-Dibromoethane	11.093	107	41221	18.426	ug/l	100
64) Tetrachloroethene	10.721	164	53103	16.424	ug/l	98
65) Chlorobenzene	11.520	112	139591	17.242	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	53649	17.711	ug/l	98
67) Ethyl Benzene	11.593	91	236270	16.701	ug/l	96
68) m/p-Xylenes	11.703	106	186505	33.627	ug/l	93
69) o-Xylene	12.032	106	89492	17.108	ug/l	91
70) Styrene	12.044	104	152040	17.290	ug/l	94
71) Bromoform	12.209	173	34600	18.429	ug/l #	99
73) Isopropylbenzene	12.331	105	232211	16.391	ug/l	100
74) N-amyl acetate	12.142	43	50117	16.815	ug/l #	78
75) 1,1,2,2-Tetrachloroethane	12.581	83	49334	18.125	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	39161m	16.506	ug/l	
77) Bromobenzene	12.611	156	59175	17.468	ug/l	92
78) n-propylbenzene	12.672	91	273350	16.171	ug/l	97
79) 2-Chlorotoluene	12.758	91	160000	16.551	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	197061	16.492	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	16774	16.994	ug/l #	83
82) 4-Chlorotoluene	12.855	91	167333	16.674	ug/l	97
83) tert-Butylbenzene	13.075	119	165288	16.000	ug/l	94
84) 1,2,4-Trimethylbenzene	13.123	105	194770	16.606	ug/l	97
85) sec-Butylbenzene	13.251	105	244050	16.049	ug/l	99
86) p-Isopropyltoluene	13.373	119	206058	16.165	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	112689	16.663	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	114966	17.191	ug/l	99
89) n-Butylbenzene	13.696	91	180418	15.752	ug/l	98
90) Hexachloroethane	13.959	117	40744	16.337	ug/l	94
91) 1,2-Dichlorobenzene	13.739	146	103800	17.303	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	8235	18.569	ug/l	77
93) 1,2,4-Trichlorobenzene	15.007	180	59616	16.857	ug/l	100
94) Hexachlorobutadiene	15.111	225	33961	16.255	ug/l	98
95) Naphthalene	15.239	128	118889	17.603	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	51410	16.834	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

11/17/2022
Supervised By :Mahesh
Dadoda

11/17/2022

