

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110123\
 Data File : VY016160.D
 Acq On : 01 Nov 2023 10:56
 Operator : SY/MD
 Sample : VY1101SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1101SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 11/02/2023
 Supervised By :Semsettin Yesilyurt 11/02/2023

Quant Time: Nov 02 02:21:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 01 03:33:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	177951	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.691	114	279159	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	240753	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	112921	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	82813	49.733	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.460%		
35) Dibromofluoromethane	7.716	113	79287	47.641	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.280%		
50) Toluene-d8	10.179	98	338665	51.325	ug/l	-0.01
Spiked Amount 50.000	Range 58 - 134		Recovery =	102.640%		
62) 4-Bromofluorobenzene	12.483	95	109430	48.499	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	97.000%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	21699	19.116	ug/l	95
3) Chloromethane	2.113	50	29801	18.962	ug/l	99
4) Vinyl Chloride	2.247	62	31827	19.621	ug/l	100
5) Bromomethane	2.650	94	21051	19.230	ug/l	96
6) Chloroethane	2.790	64	22301	19.528	ug/l	98
7) Trichlorofluoromethane	3.125	101	49065	20.036	ug/l	92
8) Diethyl Ether	3.527	74	16398	20.204	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.899	101	31152	20.193	ug/l	96
10) Methyl Iodide	4.088	142	33374	19.454	ug/l	96
11) Tert butyl alcohol	4.954	59	11787	94.742	ug/l #	93
12) 1,1-Dichloroethene	3.869	96	28040	19.913	ug/l	89
13) Acrolein	3.729	56	12592	105.294	ug/l	97
14) Allyl chloride	4.478	41	42028	20.867	ug/l #	95
15) Acrylonitrile	5.161	53	34584	99.716	ug/l	99
16) Acetone	3.942	43	25807	84.454	ug/l	94
17) Carbon Disulfide	4.192	76	67522	19.207	ug/l #	93
18) Methyl Acetate	4.478	43	26284	19.628	ug/l	92
19) Methyl tert-butyl Ether	5.216	73	79230	19.781	ug/l	94
20) Methylene Chloride	4.710	84	40393	22.154	ug/l	86
21) trans-1,2-Dichloroethene	5.222	96	32647	19.905	ug/l	87
22) Diisopropyl ether	6.118	45	99906	20.508	ug/l	90
23) Vinyl Acetate	6.057	43	235376	98.408	ug/l #	93
24) 1,1-Dichloroethane	6.015	63	59865	20.533	ug/l	95
25) 2-Butanone	6.978	43	43122	93.867	ug/l	95
26) 2,2-Dichloropropane	6.978	77	56187	20.386	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	39514	20.471	ug/l	91
28) Bromochloromethane	7.332	49	21173	19.407	ug/l	84
29) Tetrahydrofuran	7.344	42	28692	99.633	ug/l	91
30) Chloroform	7.508	83	65513	20.639	ug/l	96
31) Cyclohexane	7.789	56	49882	19.487	ug/l	88
32) 1,1,1-Trichloroethane	7.703	97	59839	20.556	ug/l	98
36) 1,1-Dichloropropene	7.917	75	47891	19.928	ug/l	98
37) Ethyl Acetate	7.069	43	21492	20.079	ug/l	98
38) Carbon Tetrachloride	7.899	117	50493	21.208	ug/l	99
39) Methylcyclohexane	9.185	83	56787	19.796	ug/l	91
40) Benzene	8.161	78	139161	20.170	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	11112	17.885	ug/l	94
42) 1,2-Dichloroethane	8.234	62	38198	19.839	ug/l	92
43) Isopropyl Acetate	8.270	43	40782	19.262	ug/l #	91
44) Trichloroethene	8.941	130	40486	20.052	ug/l	97
45) 1,2-Dichloropropane	9.215	63	34629	20.865	ug/l	93
46) Dibromomethane	9.307	93	18396	19.539	ug/l	98
47) Bromodichloromethane	9.496	83	48924	20.452	ug/l	98
48) Methyl methacrylate	9.295	41	17589	18.269	ug/l #	86
49) 1,4-Dioxane	9.301	88	4065	279.258	ug/l #	49
51) 4-Methyl-2-Pentanone	10.069	43	105229	99.607	ug/l	93
52) Toluene	10.246	92	90666	20.280	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	48726	20.404	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	56132	20.032	ug/l	94
55) 1,1,2-Trichloroethane	10.648	97	26956	20.354	ug/l	96
56) Ethyl methacrylate	10.514	69	33316	19.370	ug/l #	87
57) 1,3-Dichloropropane	10.794	76	45052	19.982	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	85224	102.185	ug/l	91
59) 2-Hexanone	10.831	43	72547	100.212	ug/l	89
60) Dibromochloromethane	10.983	129	33353	20.074	ug/l	99
61) 1,2-Dibromoethane	11.093	107	25383	20.150	ug/l	97
64) Tetrachloroethene	10.721	164	40480	18.903	ug/l	96
65) Chlorobenzene	11.520	112	97313	20.345	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	36671	20.699	ug/l	99
67) Ethyl Benzene	11.593	91	173843	20.320	ug/l	97
68) m/p-Xylenes	11.703	106	133775	40.465	ug/l	95
69) o-Xylene	12.032	106	63768	20.203	ug/l	96
70) Styrene	12.044	104	105550	20.115	ug/l	96
71) Bromoform	12.209	173	19613	19.955	ug/l #	99
73) Isopropylbenzene	12.331	105	173139	20.440	ug/l	100
74) N-amyl acetate	12.148	43	35557	19.317	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.587	83	27184	20.168	ug/l	97
76) 1,2,3-Trichloropropane	12.636	75	18815m	17.693	ug/l	
77) Bromobenzene	12.611	156	38868	20.265	ug/l	93
78) n-propylbenzene	12.672	91	206717	20.642	ug/l	99
79) 2-Chlorotoluene	12.757	91	112627	20.164	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	139347	20.306	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.379	75	9559	19.491	ug/l	93
82) 4-Chlorotoluene	12.855	91	116385	20.292	ug/l	98
83) tert-Butylbenzene	13.074	119	128152	20.871	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	137220	20.208	ug/l	97
85) sec-Butylbenzene	13.257	105	186680	20.714	ug/l	99
86) p-Isopropyltoluene	13.373	119	154806	20.726	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	76652	20.207	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	76124	20.304	ug/l	99
89) n-Butylbenzene	13.696	91	143179	20.862	ug/l	97
90) Hexachloroethane	13.965	117	27224	21.150	ug/l	94
91) 1,2-Dichlorobenzene	13.745	146	66165	20.188	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	4786	19.841	ug/l	96
93) 1,2,4-Trichlorobenzene	15.013	180	40308	19.926	ug/l	99
94) Hexachlorobutadiene	15.117	225	23656	21.400	ug/l	96
95) Naphthalene	15.239	128	72235	18.381	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	33504	19.389	ug/l	100

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

