

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012523\
 Data File : VY012357.D
 Acq On : 25 Jan 2023 15:19
 Operator : KP/MD
 Sample : VY0125SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0125SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 01/26/2023
 Supervised By :Mahesh Dadoda 01/26/2023

Quant Time: Jan 26 04:09:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	170111	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	255312	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	237215	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	123878	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	69888	49.528	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.060%		
35) Dibromofluoromethane	7.716	113	62230	46.032	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.060%		
50) Toluene-d8	10.179	98	228512	48.671	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	97.340%		
62) 4-Bromofluorobenzene	12.483	95	87060	45.683	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	91.360%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	32227	21.678	ug/l	97
3) Chloromethane	2.113	50	27937	20.357	ug/l	99
4) Vinyl Chloride	2.253	62	32777	20.462	ug/l	94
5) Bromomethane	2.644	94	26770	21.616	ug/l	98
6) Chloroethane	2.790	64	22062	21.118	ug/l	100
7) Trichlorofluoromethane	3.125	101	66640	21.316	ug/l	97
8) Diethyl Ether	3.528	74	18397	19.776	ug/l	80
9) 1,1,2-Trichlorotrifluo...	3.900	101	31775	20.883	ug/l	92
10) Methyl Iodide	4.095	142	41135	17.789	ug/l	95
11) Tert butyl alcohol	4.942	59	25602	147.980	ug/l #	83
12) 1,1-Dichloroethene	3.869	96	32940	21.083	ug/l	92
13) Acrolein	3.729	56	8553	119.366	ug/l	100
14) Allyl chloride	4.479	41	38116	19.731	ug/l #	83
15) Acrylonitrile	5.161	53	42013	103.392	ug/l	99
16) Acetone	3.948	43	43231	91.266	ug/l	96
17) Carbon Disulfide	4.192	76	95252	19.710	ug/l	100
18) Methyl Acetate	4.479	43	20456	19.299	ug/l #	82
19) Methyl tert-butyl Ether	5.222	73	88509	20.322	ug/l	93
20) Methylene Chloride	4.716	84	42432	15.990	ug/l	89
21) trans-1,2-Dichloroethene	5.216	96	35203	20.191	ug/l	91
22) Diisopropyl ether	6.119	45	77276	20.065	ug/l #	86
23) Vinyl Acetate	6.064	43	239046	99.607	ug/l #	92
24) 1,1-Dichloroethane	6.021	63	54308	20.330	ug/l	97
25) 2-Butanone	6.984	43	51237	97.979	ug/l	90
26) 2,2-Dichloropropane	6.978	77	60449	20.845	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	38586	20.149	ug/l	95
28) Bromochloromethane	7.332	49	10715	18.366	ug/l #	67
29) Tetrahydrofuran	7.344	42	27747	96.597	ug/l #	78
30) Chloroform	7.509	83	64846	20.564	ug/l	100
31) Cyclohexane	7.789	56	49602	19.999	ug/l	90
32) 1,1,1-Trichloroethane	7.704	97	64551	20.677	ug/l	97
36) 1,1-Dichloropropene	7.917	75	47171	20.531	ug/l	97
37) Ethyl Acetate	7.070	43	20061	19.807	ug/l #	93
38) Carbon Tetrachloride	7.899	117	63273	21.323	ug/l	100
39) Methylcyclohexane	9.185	83	58270	20.754	ug/l	92
40) Benzene	8.161	78	137568	20.745	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	12147m	20.403	ug/l	
42) 1,2-Dichloroethane	8.240	62	45293	21.454	ug/l	98
43) Isopropyl Acetate	8.271	43	37209	19.746	ug/l #	92
44) Trichloroethene	8.941	130	41589	20.983	ug/l	98
45) 1,2-Dichloropropane	9.216	63	28677	20.725	ug/l	99
46) Dibromomethane	9.307	93	19021	20.534	ug/l	95
47) Bromodichloromethane	9.496	83	49176	21.090	ug/l	97
48) Methyl methacrylate	9.295	41	17426	20.070	ug/l	88
49) 1,4-Dioxane	9.295	88	5266	417.199	ug/l	88
51) 4-Methyl-2-Pentanone	10.069	43	100748	100.266	ug/l	94
52) Toluene	10.246	92	92194	20.881	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	49988	20.495	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	53828	20.493	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	27248	20.704	ug/l	98
56) Ethyl methacrylate	10.508	69	35452	20.533	ug/l	93
57) 1,3-Dichloropropane	10.789	76	44538	20.721	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	58358	102.147	ug/l #	88
59) 2-Hexanone	10.831	43	77026	100.686	ug/l	94
60) Dibromochloromethane	10.984	129	36837	21.103	ug/l	100
61) 1,2-Dibromoethane	11.087	107	25882	20.380	ug/l	99
64) Tetrachloroethene	10.721	164	46794	21.618	ug/l	98
65) Chlorobenzene	11.514	112	100377	20.681	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	38705	21.127	ug/l	97
67) Ethyl Benzene	11.593	91	178631	20.593	ug/l	98
68) m/p-Xylenes	11.703	106	143072	41.716	ug/l	99
69) o-Xylene	12.032	106	67706	20.668	ug/l	97
70) Styrene	12.044	104	113336	20.707	ug/l	99
71) Bromoform	12.209	173	24549	20.974	ug/l #	99
73) Isopropylbenzene	12.331	105	183141	20.502	ug/l	99
74) N-amyl acetate	12.142	43	32410	18.509	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	27996	19.898	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	24465m	21.477	ug/l	
77) Bromobenzene	12.605	156	44186	20.557	ug/l	91
78) n-propylbenzene	12.672	91	214437	20.515	ug/l	98
79) 2-Chlorotoluene	12.758	91	120906	20.458	ug/l	97
80) 1,3,5-Trimethylbenzene	12.813	105	161389	20.783	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	11164	20.194	ug/l	95
82) 4-Chlorotoluene	12.855	91	127334	20.511	ug/l	97
83) tert-Butylbenzene	13.075	119	137534	20.321	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	158068	20.641	ug/l	99
85) sec-Butylbenzene	13.251	105	199709	20.725	ug/l	97
86) p-Isopropyltoluene	13.367	119	176764	20.996	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	87647	20.502	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	87478	20.518	ug/l	99
89) n-Butylbenzene	13.697	91	152343	20.880	ug/l	97
90) Hexachloroethane	13.959	117	30899	20.330	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	79004	20.711	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	5992	20.607	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	48704	19.927	ug/l	99
94) Hexachlorobutadiene	15.111	225	31049	21.099	ug/l	99
95) Naphthalene	15.233	128	95230	19.740	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	41758	19.854	ug/l	99

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

