

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110923\
 Data File : VY016271.D
 Acq On : 09 Nov 2023 10:41
 Operator : SY/MD
 Sample : VY1109SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1109SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 11/10/2023
 Supervised By :Semsettin Yesilyurt 11/10/2023

Quant Time: Nov 09 22:54:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	169747	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	273475	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	236992	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	110090	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	78877	50.842	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.680%			
35) Dibromofluoromethane	7.734	113	82549	53.137	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.280%			
50) Toluene-d8	10.197	98	330095	52.398	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 104.800%			
62) 4-Bromofluorobenzene	12.495	95	105661	51.641	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 103.280%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	35215	21.187	ug/l	100
3) Chloromethane	2.119	50	39532	20.308	ug/l	95
4) Vinyl Chloride	2.259	62	42228	20.174	ug/l	99
5) Bromomethane	2.662	94	27715	20.148	ug/l	98
6) Chloroethane	2.808	64	27060	20.260	ug/l	95
7) Trichlorofluoromethane	3.143	101	63136	20.732	ug/l	99
8) Diethyl Ether	3.540	74	18685	20.529	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.912	101	38197	20.825	ug/l	94
10) Methyl Iodide	4.113	142	38447	19.408	ug/l	97
11) Tert butyl alcohol	4.978	59	10939	90.042	ug/l #	83
12) 1,1-Dichloroethene	3.887	96	35420	20.649	ug/l	89
13) Acrolein	3.741	56	15082	102.923	ug/l	100
14) Allyl chloride	4.497	41	49679	20.409	ug/l #	92
15) Acrylonitrile	5.186	53	36115	99.986	ug/l	98
16) Acetone	3.960	43	29588	115.297	ug/l #	89
17) Carbon Disulfide	4.216	76	106313	20.541	ug/l	100
18) Methyl Acetate	4.497	43	27396	20.091	ug/l	93
19) Methyl tert-butyl Ether	5.241	73	83305	20.065	ug/l	98
20) Methylene Chloride	4.735	84	42432	21.416	ug/l	89
21) trans-1,2-Dichloroethene	5.241	96	40083	20.295	ug/l	95
22) Diisopropyl ether	6.137	45	107578	20.507	ug/l #	87
23) Vinyl Acetate	6.082	43	258268	101.603	ug/l #	94
24) 1,1-Dichloroethane	6.039	63	66295	20.484	ug/l	98
25) 2-Butanone	7.002	43	48519	107.942	ug/l	94
26) 2,2-Dichloropropane	6.996	77	60968	20.699	ug/l	97
27) cis-1,2-Dichloroethene	7.002	96	42701	20.062	ug/l	92
28) Bromochloromethane	7.350	49	24627	20.561	ug/l	88
29) Tetrahydrofuran	7.362	42	29107	97.971	ug/l	92
30) Chloroform	7.527	83	68997	20.482	ug/l	99
31) Cyclohexane	7.801	56	62005	20.300	ug/l	90
32) 1,1,1-Trichloroethane	7.716	97	63082	20.428	ug/l	96
36) 1,1-Dichloropropene	7.935	75	55691	20.645	ug/l	98
37) Ethyl Acetate	7.094	43	21809	20.009	ug/l #	94
38) Carbon Tetrachloride	7.917	117	58119	20.759	ug/l	96
39) Methylcyclohexane	9.197	83	68339	20.331	ug/l	91
40) Benzene	8.179	78	156410	20.638	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	10978	19.976	ug/l #	89
42) 1,2-Dichloroethane	8.252	62	40625	20.688	ug/l	94
43) Isopropyl Acetate	8.289	43	42991	20.406	ug/l	92
44) Trichloroethene	8.953	130	44279	20.329	ug/l	98
45) 1,2-Dichloropropane	9.234	63	37766	20.749	ug/l	97
46) Dibromomethane	9.319	93	20084	20.362	ug/l	97
47) Bromodichloromethane	9.514	83	51667	20.376	ug/l	99
48) Methyl methacrylate	9.307	41	22943	19.704	ug/l	86
49) 1,4-Dioxane	9.319	88	3930	375.312	ug/l #	48
51) 4-Methyl-2-Pentanone	10.081	43	107620	101.016	ug/l	92
52) Toluene	10.258	92	99066	20.679	ug/l	95
53) t-1,3-Dichloropropene	10.477	75	49324	20.065	ug/l	93
54) cis-1,3-Dichloropropene	9.941	75	59783	20.362	ug/l #	90
55) 1,1,2-Trichloroethane	10.660	97	28141	20.700	ug/l	96
56) Ethyl methacrylate	10.526	69	26419	20.587	ug/l #	83
57) 1,3-Dichloropropane	10.801	76	47729	20.597	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.795	63	87860	100.970	ug/l	93
59) 2-Hexanone	10.843	43	85053	107.329	ug/l	90
60) Dibromochloromethane	11.002	129	35045	20.612	ug/l	99
61) 1,2-Dibromoethane	11.105	107	26348	20.343	ug/l	100
64) Tetrachloroethene	10.733	164	43215	20.308	ug/l	97
65) Chlorobenzene	11.532	112	103614	20.463	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.605	131	37718	20.197	ug/l	97
67) Ethyl Benzene	11.605	91	185993	20.439	ug/l	99
68) m/p-Xylenes	11.715	106	142069	41.162	ug/l	95
69) o-Xylene	12.044	106	65585	20.466	ug/l	97
70) Styrene	12.056	104	94056	20.498	ug/l	98
71) Bromoform	12.221	173	20117	20.760	ug/l #	97
73) Isopropylbenzene	12.343	105	181820	20.395	ug/l	99
74) N-amyl acetate	12.154	43	35561	19.859	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.593	83	27860	19.476	ug/l	97
76) 1,2,3-Trichloropropane	12.648	75	22579m	21.380	ug/l	
77) Bromobenzene	12.623	156	40257	19.980	ug/l	95
78) n-propylbenzene	12.684	91	216709	20.569	ug/l	100
79) 2-Chlorotoluene	12.770	91	117078	20.165	ug/l	99
80) 1,3,5-Trimethylbenzene	12.825	105	145671	20.267	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.392	75	9952	20.455	ug/l	88
82) 4-Chlorotoluene	12.867	91	123542	20.592	ug/l	99
83) tert-Butylbenzene	13.087	119	127099	20.076	ug/l	98
84) 1,2,4-Trimethylbenzene	13.136	105	143915	20.335	ug/l	99
85) sec-Butylbenzene	13.264	105	184211	20.367	ug/l	99
86) p-Isopropyltoluene	13.379	119	159956	20.539	ug/l	98
87) 1,3-Dichlorobenzene	13.379	146	78245	20.185	ug/l	100
88) 1,4-Dichlorobenzene	13.459	146	76829	20.280	ug/l	98
89) n-Butylbenzene	13.709	91	147863	20.558	ug/l	97
90) Hexachloroethane	13.971	117	29814	19.845	ug/l	91
91) 1,2-Dichlorobenzene	13.751	146	66823	20.117	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	4137	18.177	ug/l	86
93) 1,2,4-Trichlorobenzene	15.019	180	38409	19.810	ug/l	97
94) Hexachlorobutadiene	15.123	225	22774	20.503	ug/l	99
95) Naphthalene	15.251	128	68508	19.756	ug/l	99
96) 1,2,3-Trichlorobenzene	15.440	180	32225	20.095	ug/l	99

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

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