

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120423\
 Data File : VY016583.D
 Acq On : 04 Dec 2023 17:42
 Operator : SY/MD
 Sample : VY1204SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1204SBS01

Quant Time: Dec 05 01:30:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 05 01:24:25 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/05/2023
 Supervised By :Semsettin Yesilyurt 12/05/2023

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	228052	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.704	114	350735	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	303872	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	147542	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	105651	50.124	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.240%			
35) Dibromofluoromethane	7.728	113	104523	49.520	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.040%			
50) Toluene-d8	10.191	98	396287	49.635	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.280%			
62) 4-Bromofluorobenzene	12.489	95	133852	50.981	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 101.960%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	45523	22.598	ug/l	98
3) Chloromethane	2.119	50	44347	21.221	ug/l	98
4) Vinyl Chloride	2.260	62	43338	20.536	ug/l	93
5) Bromomethane	2.656	94	27585	20.867	ug/l	94
6) Chloroethane	2.802	64	26582	20.392	ug/l	89
7) Trichlorofluoromethane	3.137	101	84778	21.250	ug/l	99
8) Diethyl Ether	3.540	74	23108	20.797	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.912	101	47721	21.390	ug/l	99
10) Methyl Iodide	4.107	142	49823	21.136	ug/l	99
11) Tert butyl alcohol	4.973	59	16413	114.286	ug/l #	80
12) 1,1-Dichloroethene	3.887	96	43033	21.233	ug/l	89
13) Acrolein	3.741	56	22305	106.831	ug/l	99
14) Allyl chloride	4.497	41	65599	21.209	ug/l	96
15) Acrylonitrile	5.180	53	47224	105.301	ug/l	99
16) Acetone	3.961	43	54529	114.322	ug/l	93
17) Carbon Disulfide	4.210	76	118198	20.802	ug/l	97
18) Methyl Acetate	4.491	43	37689	19.934	ug/l	95
19) Methyl tert-butyl Ether	5.235	73	107835	21.645	ug/l	99
20) Methylene Chloride	4.735	84	49237	21.495	ug/l	91
21) trans-1,2-Dichloroethene	5.235	96	49025	21.511	ug/l	92
22) Diisopropyl ether	6.137	45	139195	21.882	ug/l	90
23) Vinyl Acetate	6.076	43	336144	110.078	ug/l	95
24) 1,1-Dichloroethane	6.033	63	83853	21.457	ug/l	96
25) 2-Butanone	7.003	43	74310	113.298	ug/l	94
26) 2,2-Dichloropropane	6.997	77	76989	20.956	ug/l	97
27) cis-1,2-Dichloroethene	7.003	96	54097	21.564	ug/l	94
28) Bromochloromethane	7.350	49	31636	19.986	ug/l	87
29) Tetrahydrofuran	7.368	42	39840	106.541	ug/l	93
30) Chloroform	7.521	83	89128	21.396	ug/l	98
31) Cyclohexane	7.801	56	73407	20.400	ug/l	86
32) 1,1,1-Trichloroethane	7.716	97	83939	21.291	ug/l	98
36) 1,1-Dichloropropene	7.935	75	67089	20.909	ug/l	98
37) Ethyl Acetate	7.088	43	29440	21.928	ug/l #	97
38) Carbon Tetrachloride	7.917	117	78716	21.192	ug/l	96
39) Methylcyclohexane	9.197	83	80671	20.868	ug/l	94
40) Benzene	8.173	78	188754	20.871	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	15783m	20.354	ug/l	
42) 1,2-Dichloroethane	8.252	62	55254	21.041	ug/l	96
43) Isopropyl Acetate	8.289	43	54982	21.229	ug/l #	92
44) Trichloroethene	8.954	130	56744	20.806	ug/l	91
45) 1,2-Dichloropropane	9.228	63	45767	21.020	ug/l	99
46) Dibromomethane	9.313	93	24801	20.778	ug/l	96
47) Bromodichloromethane	9.508	83	66647	20.973	ug/l	99
48) Methyl methacrylate	9.307	41	31748	21.225	ug/l	93
49) 1,4-Dioxane	9.313	88	5309	439.432	ug/l #	57
51) 4-Methyl-2-Pentanone	10.081	43	140444	104.343	ug/l	93
52) Toluene	10.252	92	121091	21.363	ug/l	94
53) t-1,3-Dichloropropene	10.472	75	62544	20.855	ug/l	99
54) cis-1,3-Dichloropropene	9.941	75	74689	21.206	ug/l	96
55) 1,1,2-Trichloroethane	10.654	97	35172	21.154	ug/l	95
56) Ethyl methacrylate	10.520	69	32241	21.154	ug/l #	90
57) 1,3-Dichloropropane	10.801	76	58999	21.005	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.795	63	96767	103.028	ug/l	91
59) 2-Hexanone	10.843	43	112932	110.912	ug/l	95
60) Dibromochloromethane	10.996	129	46566	20.961	ug/l	100
61) 1,2-Dibromoethane	11.099	107	33755	21.584	ug/l	99
64) Tetrachloroethene	10.728	164	57769	20.744	ug/l	99
65) Chlorobenzene	11.526	112	131511	21.367	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	50606	21.037	ug/l	99
67) Ethyl Benzene	11.605	91	234895	21.280	ug/l	100
68) m/p-Xylenes	11.715	106	179217	42.769	ug/l	95
69) o-Xylene	12.038	106	83060	21.234	ug/l	98
70) Styrene	12.057	104	119966	21.375	ug/l	100
71) Bromoform	12.215	173	27721	21.341	ug/l #	97
73) Isopropylbenzene	12.337	105	230017	21.054	ug/l	99
74) N-amyl acetate	12.154	43	45090	20.698	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.593	83	35908	20.665	ug/l	97
76) 1,2,3-Trichloropropane	12.642	75	26334m	19.759	ug/l	
77) Bromobenzene	12.617	156	53917	20.940	ug/l	93
78) n-propylbenzene	12.678	91	272744	21.449	ug/l	99
79) 2-Chlorotoluene	12.764	91	150747	21.038	ug/l	98
80) 1,3,5-Trimethylbenzene	12.819	105	189756	21.376	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.386	75	11849	20.055	ug/l	98
82) 4-Chlorotoluene	12.867	91	156141	21.059	ug/l	97
83) tert-Butylbenzene	13.087	119	167654	21.138	ug/l	98
84) 1,2,4-Trimethylbenzene	13.130	105	185525	21.396	ug/l	98
85) sec-Butylbenzene	13.264	105	235789	21.166	ug/l	99
86) p-Isopropyltoluene	13.380	119	206827	21.388	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	104170	21.194	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	102260	21.199	ug/l	99
89) n-Butylbenzene	13.709	91	184115	21.172	ug/l	95
90) Hexachloroethane	13.971	117	38889	20.439	ug/l	99
91) 1,2-Dichlorobenzene	13.751	146	88586	20.992	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.367	75	5837	20.991	ug/l	89
93) 1,2,4-Trichlorobenzene	15.020	180	51368	21.572	ug/l	100
94) Hexachlorobutadiene	15.123	225	32998	21.933	ug/l	99
95) Naphthalene	15.245	128	85182	24.025	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	41132	23.499	ug/l	99

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

