

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020224\
 Data File : VY017177.D
 Acq On : 02 Feb 2024 11:14
 Operator : SY/MD
 Sample : VY0202SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0202SBS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/05/2024
 Supervised By :Mahesh Dadoda 02/05/2024

Quant Time: Feb 02 22:27:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	129171	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	222258	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	193817	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	86025	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	60328	52.280	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.560%			
35) Dibromofluoromethane	7.722	113	61294	51.076	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.160%			
50) Toluene-d8	10.185	98	229099	52.434	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 104.860%			
62) 4-Bromofluorobenzene	12.489	95	73445	51.313	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 102.620%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	21702	22.163	ug/l	96
3) Chloromethane	2.119	50	40367	22.948	ug/l	98
4) Vinyl Chloride	2.260	62	48568	22.656	ug/l	98
5) Bromomethane	2.656	94	34259	23.055	ug/l	97
6) Chloroethane	2.802	64	30650	22.144	ug/l	99
7) Trichlorofluoromethane	3.131	101	49329	22.378	ug/l	99
8) Diethyl Ether	3.540	74	14484	20.889	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.912	101	28721	21.494	ug/l	99
10) Methyl Iodide	4.101	142	28457	20.257	ug/l	99
11) Tert butyl alcohol	4.966	59	10850	101.946	ug/l	100
12) 1,1-Dichloroethene	3.881	96	26215	20.937	ug/l	94
13) Acrolein	3.735	56	11459	113.449	ug/l	96
14) Allyl chloride	4.485	41	41633	21.995	ug/l	99
15) Acrylonitrile	5.174	53	33709	107.977	ug/l	99
16) Acetone	3.954	43	39408	116.194	ug/l	96
17) Carbon Disulfide	4.204	76	85545	21.403	ug/l	99
18) Methyl Acetate	4.485	43	13980	18.477	ug/l	99
19) Methyl tert-butyl Ether	5.229	73	64115	21.262	ug/l	99
20) Methylene Chloride	4.723	84	33579	22.228	ug/l	95
21) trans-1,2-Dichloroethene	5.235	96	30654	21.521	ug/l	98
22) Diisopropyl ether	6.125	45	91942	22.119	ug/l	98
23) Vinyl Acetate	6.070	43	279597	111.010	ug/l	99
24) 1,1-Dichloroethane	6.027	63	55269	21.705	ug/l	98
25) 2-Butanone	6.990	43	51111	113.361	ug/l	97
26) 2,2-Dichloropropane	6.990	77	45515	21.489	ug/l	100
27) cis-1,2-Dichloroethene	6.997	96	34365	21.571	ug/l	99
28) Bromochloromethane	7.338	49	20044	20.558	ug/l	97
29) Tetrahydrofuran	7.356	42	27450	107.777	ug/l	99
30) Chloroform	7.515	83	55777	21.774	ug/l	98
31) Cyclohexane	7.789	56	49800	21.411	ug/l	97
32) 1,1,1-Trichloroethane	7.710	97	47449	21.535	ug/l	99
36) 1,1-Dichloropropene	7.923	75	43312	20.923	ug/l	100
37) Ethyl Acetate	7.082	43	21103	21.980	ug/l	96
38) Carbon Tetrachloride	7.905	117	41409	20.893	ug/l	96
39) Methylcyclohexane	9.191	83	49838	20.609	ug/l	99
40) Benzene	8.167	78	126076	21.328	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	10643m	23.397	ug/l	
42) 1,2-Dichloroethane	8.246	62	33316	21.286	ug/l	100
43) Isopropyl Acetate	8.283	43	35708	21.010	ug/l	100
44) Trichloroethene	8.947	130	31439	20.952	ug/l	99
45) 1,2-Dichloropropane	9.222	63	30368	20.915	ug/l	94
46) Dibromomethane	9.313	93	16759	21.367	ug/l	95
47) Bromodichloromethane	9.502	83	41524	21.155	ug/l	98
48) Methyl methacrylate	9.301	41	16455	20.641	ug/l	99
49) 1,4-Dioxane	9.307	88	3661	428.838	ug/l	96
51) 4-Methyl-2-Pentanone	10.075	43	97901	107.460	ug/l	99
52) Toluene	10.252	92	77001	21.580	ug/l	100
53) t-1,3-Dichloropropene	10.472	75	38923	21.111	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	46630	21.115	ug/l	96
55) 1,1,2-Trichloroethane	10.648	97	22856	21.418	ug/l	96
56) Ethyl methacrylate	10.520	69	26634	20.440	ug/l	96
57) 1,3-Dichloropropane	10.795	76	39105	21.306	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	64314	96.741	ug/l	98
59) 2-Hexanone	10.837	43	75212	114.168	ug/l	99
60) Dibromochloromethane	10.990	129	26046	20.805	ug/l	99
61) 1,2-Dibromoethane	11.099	107	20982	21.141	ug/l	98
64) Tetrachloroethene	10.728	164	25879	20.559	ug/l	97
65) Chlorobenzene	11.520	112	78103	20.889	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	27260	20.063	ug/l	97
67) Ethyl Benzene	11.599	91	142713	21.120	ug/l	98
68) m/p-Xylenes	11.709	106	107429	41.893	ug/l	98
69) o-Xylene	12.038	106	49866	21.116	ug/l	100
70) Styrene	12.050	104	82200	21.126	ug/l	99
71) Bromoform	12.215	173	14583	20.494	ug/l #	99
73) Isopropylbenzene	12.337	105	133127	21.065	ug/l	100
74) N-amyl acetate	12.148	43	30323	21.354	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.587	83	25317	20.368	ug/l	100
76) 1,2,3-Trichloropropane	12.642	75	18250m	22.985	ug/l	
77) Bromobenzene	12.617	156	28313	20.198	ug/l	98
78) n-propylbenzene	12.678	91	167029	21.520	ug/l	99
79) 2-Chlorotoluene	12.764	91	90342	21.171	ug/l	100
80) 1,3,5-Trimethylbenzene	12.819	105	106637	21.216	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.386	75	8089	21.169	ug/l	98
82) 4-Chlorotoluene	12.861	91	91971	20.942	ug/l	99
83) tert-Butylbenzene	13.081	119	91426	21.221	ug/l	98
84) 1,2,4-Trimethylbenzene	13.130	105	107165	21.601	ug/l	99
85) sec-Butylbenzene	13.258	105	143185	21.264	ug/l	100
86) p-Isopropyltoluene	13.373	119	114037	21.193	ug/l	100
87) 1,3-Dichlorobenzene	13.373	146	58721	20.998	ug/l	97
88) 1,4-Dichlorobenzene	13.453	146	55991	20.609	ug/l	98
89) n-Butylbenzene	13.703	91	108928	21.291	ug/l	99
90) Hexachloroethane	13.971	117	23285	21.079	ug/l	99
91) 1,2-Dichlorobenzene	13.745	146	49722	20.886	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	3359	20.747	ug/l	95
93) 1,2,4-Trichlorobenzene	15.013	180	25626	21.671	ug/l	97
94) Hexachlorobutadiene	15.117	225	15281	21.942	ug/l	98
95) Naphthalene	15.245	128	45520	21.748	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	21751	21.628	ug/l	97

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

