

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030124\
 Data File : VY017551.D
 Acq On : 01 Mar 2024 15:13
 Operator : SY/MD
 Sample : VY0301SBSD02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0301SBSD02

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/04/2024
 Supervised By :Mahesh Dadoda 03/04/2024

Quant Time: Mar 02 02:45:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	139324	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	218257	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	224190	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	87580	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	61454	46.541	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.080%		
35) Dibromofluoromethane	7.722	113	71946	47.305	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.620%		
50) Toluene-d8	10.191	98	270622	50.892	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	101.780%		
62) 4-Bromofluorobenzene	12.489	95	81428	48.725	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	97.460%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	22243	21.643	ug/l	100
3) Chloromethane	2.113	50	42309	22.531	ug/l	95
4) Vinyl Chloride	2.253	62	51332	21.308	ug/l	99
5) Bromomethane	2.656	94	41859	21.322	ug/l	100
6) Chloroethane	2.796	64	33826	22.258	ug/l	99
7) Trichlorofluoromethane	3.125	101	51872	21.127	ug/l	97
8) Diethyl Ether	3.534	74	15065	20.920	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.899	101	30715	21.749	ug/l	98
10) Methyl Iodide	4.095	142	31932	20.147	ug/l	99
11) Tert butyl alcohol	4.985	59	8913m	79.466	ug/l	
12) 1,1-Dichloroethene	3.875	96	27831	21.146	ug/l	96
13) Acrolein	3.741	56	13644	92.194	ug/l	97
14) Allyl chloride	4.479	41	32299	20.310	ug/l	98
15) Acrylonitrile	5.174	53	28912	97.666	ug/l	97
16) Acetone	3.960	43	26573	103.757	ug/l	98
17) Carbon Disulfide	4.198	76	77511	19.621	ug/l	99
18) Methyl Acetate	4.491	43	11315	18.211	ug/l	99
19) Methyl tert-butyl Ether	5.235	73	62032	20.221	ug/l	99
20) Methylene Chloride	4.722	84	50017	31.179	ug/l	99
21) trans-1,2-Dichloroethene	5.222	96	32213	20.904	ug/l	99
22) Diisopropyl ether	6.125	45	80402	21.910	ug/l	96
23) Vinyl Acetate	6.070	43	227698	104.126	ug/l	98
24) 1,1-Dichloroethane	6.027	63	54724	21.828	ug/l	99
25) 2-Butanone	6.996	43	36821	100.884	ug/l	95
26) 2,2-Dichloropropane	6.990	77	45501	21.586	ug/l	98
27) cis-1,2-Dichloroethene	6.996	96	36147	20.892	ug/l	99
28) Bromochloromethane	7.338	49	20222	20.480	ug/l	100
29) Tetrahydrofuran	7.362	42	19859	90.262	ug/l	99
30) Chloroform	7.515	83	57991	21.726	ug/l	97
31) Cyclohexane	7.795	56	43652	20.314	ug/l	90
32) 1,1,1-Trichloroethane	7.710	97	49631	21.417	ug/l	98
36) 1,1-Dichloropropene	7.923	75	51464	25.080	ug/l	90
37) Ethyl Acetate	7.082	43	14981	18.484	ug/l	96
38) Carbon Tetrachloride	7.905	117	45391	22.071	ug/l	95
39) Methylcyclohexane	9.191	83	72627	29.451	ug/l	98
40) Benzene	8.167	78	129885	21.314	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	7812m	19.208	ug/l	
42) 1,2-Dichloroethane	8.246	62	30282	20.367	ug/l	99
43) Isopropyl Acetate	8.283	43	28501	20.012	ug/l	99
44) Trichloroethene	8.947	130	36667	20.876	ug/l	98
45) 1,2-Dichloropropane	9.222	63	29708	20.491	ug/l	99
46) Dibromomethane	9.313	93	17872	21.539	ug/l	98
47) Bromodichloromethane	9.502	83	43451	21.567	ug/l	98
48) Methyl methacrylate	9.301	41	15270	23.163	ug/l #	89
49) 1,4-Dioxane	9.325	88	3681	392.000	ug/l #	77
51) 4-Methyl-2-Pentanone	10.075	43	77668	97.850	ug/l	99
52) Toluene	10.252	92	80121	20.856	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	37971	20.306	ug/l	96
54) cis-1,3-Dichloropropene	9.935	75	51190	22.529	ug/l	95
55) 1,1,2-Trichloroethane	10.654	97	24115	20.470	ug/l	93
56) Ethyl methacrylate	10.520	69	26006	19.570	ug/l	99
57) 1,3-Dichloropropane	10.801	76	38976	20.349	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.789	63	63091	92.807	ug/l	98
59) 2-Hexanone	10.837	43	57603	105.653	ug/l	96
60) Dibromochloromethane	10.996	129	28816	20.676	ug/l	98
61) 1,2-Dibromoethane	11.099	107	21834	20.111	ug/l	99
64) Tetrachloroethene	10.727	164	37389	17.375	ug/l	98
65) Chlorobenzene	11.526	112	89656	18.841	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	31748	17.809	ug/l #	64
67) Ethyl Benzene	11.599	91	160343	19.213	ug/l	99
68) m/p-Xylenes	11.709	106	119588	36.468	ug/l	98
69) o-Xylene	12.038	106	53822	17.691	ug/l	100
70) Styrene	12.050	104	89174	17.659	ug/l	99
71) Bromoform	12.215	173	16791	16.997	ug/l #	98
73) Isopropylbenzene	12.337	105	149252	22.938	ug/l	100
74) N-amyl acetate	12.154	43	24256	21.136	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.587	83	27200	24.344	ug/l #	92
76) 1,2,3-Trichloropropane	12.642	75	16349m	19.647	ug/l	
77) Bromobenzene	12.617	156	33760	21.425	ug/l	97
78) n-propylbenzene	12.678	91	177282	22.707	ug/l	100
79) 2-Chlorotoluene	12.764	91	95960	21.953	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	116380	22.326	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	7770	21.455	ug/l	97
82) 4-Chlorotoluene	12.861	91	96939	21.682	ug/l	99
83) tert-Butylbenzene	13.087	119	102892	22.478	ug/l	97
84) 1,2,4-Trimethylbenzene	13.129	105	112852	21.928	ug/l	99
85) sec-Butylbenzene	13.264	105	156027	22.294	ug/l	100
86) p-Isopropyltoluene	13.379	119	130045	22.699	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	66444	21.008	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	65696	21.365	ug/l	99
89) n-Butylbenzene	13.703	91	115362	22.070	ug/l	100
90) Hexachloroethane	13.971	117	25691	22.368	ug/l	100
91) 1,2-Dichlorobenzene	13.745	146	56729	21.205	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	6809	43.348	ug/l #	43
93) 1,2,4-Trichlorobenzene	15.013	180	29771	21.068	ug/l	100
94) Hexachlorobutadiene	15.117	225	18442	21.138	ug/l	96
95) Naphthalene	15.245	128	46958	19.722	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	24723	20.394	ug/l	99

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

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