

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040124\
 Data File : VY017803.D
 Acq On : 01 Apr 2024 12:24
 Operator : SY/MD
 Sample : VY0401SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0401SBS02

Quant Time: Apr 02 03:18:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 05:58:13 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 04/02/2024
 Supervised By :Semsettin Yesilyurt 04/02/2024

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	201726	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	325332	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	281568	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	130872	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	208654	119.531	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 239.060%#			
35) Dibromofluoromethane	7.728	113	214507	114.105	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 228.200%#			
50) Toluene-d8	10.191	98	837582	119.275	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 238.540%#			
62) 4-Bromofluorobenzene	12.489	95	250348	117.175	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 234.360%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	31355	23.242	ug/l	97
3) Chloromethane	2.113	50	55968	21.256	ug/l	97
4) Vinyl Chloride	2.253	62	77471	22.514	ug/l	98
5) Bromomethane	2.650	94	65446	23.522	ug/l	96
6) Chloroethane	2.790	64	53037	23.623	ug/l	96
7) Trichlorofluoromethane	3.125	101	72238	21.527	ug/l	97
8) Diethyl Ether	3.534	74	20690	20.990	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.899	101	42483	21.110	ug/l	98
10) Methyl Iodide	4.088	142	40941	18.707	ug/l	99
11) Tert butyl alcohol	4.966	59	16164	112.430	ug/l #	91
12) 1,1-Dichloroethene	3.875	96	38094	20.228	ug/l	93
13) Acrolein	3.735	56	16617	135.874	ug/l	100
14) Allyl chloride	4.479	41	48761	21.106	ug/l	96
15) Acrylonitrile	5.168	53	43436	104.391	ug/l	97
16) Acetone	3.948	43	36235	100.421	ug/l	88
17) Carbon Disulfide	4.198	76	95287	17.880	ug/l	96
18) Methyl Acetate	4.479	43	18083	22.626	ug/l	94
19) Methyl tert-butyl Ether	5.222	73	90162	20.910	ug/l	99
20) Methylene Chloride	4.723	84	60418	26.053	ug/l	93
21) trans-1,2-Dichloroethene	5.222	96	40032	19.865	ug/l	93
22) Diisopropyl ether	6.131	45	115631	21.654	ug/l	96
23) Vinyl Acetate	6.070	43	341879	104.861	ug/l	98
24) 1,1-Dichloroethane	6.027	63	76049	21.457	ug/l	99
25) 2-Butanone	6.996	43	53083	103.268	ug/l	95
26) 2,2-Dichloropropane	6.990	77	64548	21.086	ug/l	97
27) cis-1,2-Dichloroethene	6.996	96	47769	20.057	ug/l	93
28) Bromochloromethane	7.344	49	33239	23.062	ug/l	89
29) Tetrahydrofuran	7.356	42	32529	105.465	ug/l	95
30) Chloroform	7.515	83	78155	21.253	ug/l	99
31) Cyclohexane	7.795	56	59448	19.332	ug/l	96
32) 1,1,1-Trichloroethane	7.710	97	66352	21.200	ug/l	96
36) 1,1-Dichloropropene	7.929	75	53978	19.679	ug/l	97
37) Ethyl Acetate	7.082	43	24599	20.781	ug/l	98
38) Carbon Tetrachloride	7.911	117	58337	20.487	ug/l	97
39) Methylcyclohexane	9.191	83	63660	18.580	ug/l	94
40) Benzene	8.167	78	171624	20.303	ug/l	97

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 Supervised By :Semsettin Yesilyurt 04/02/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.314	41	12702m	21.002	ug/l	
42) 1,2-Dichloroethane	8.246	62	43864	21.082	ug/l	98
43) Isopropyl Acetate	8.283	43	44312	20.628	ug/l	96
44) Trichloroethene	8.947	130	43165	19.627	ug/l	94
45) 1,2-Dichloropropane	9.222	63	40687	20.714	ug/l	98
46) Dibromomethane	9.313	93	22168	19.865	ug/l	98
47) Bromodichloromethane	9.508	83	57888	20.529	ug/l	100
48) Methyl methacrylate	9.301	41	19311	23.193	ug/l	96
49) 1,4-Dioxane	9.301	88	4825	385.141	ug/l #	96
51) 4-Methyl-2-Pentanone	10.081	43	118440	119.908	ug/l	96
52) Toluene	10.252	92	105717	20.618	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	51143	20.427	ug/l	96
54) cis-1,3-Dichloropropene	9.935	75	62037	20.302	ug/l	97
55) 1,1,2-Trichloroethane	10.654	97	29988	20.167	ug/l	93
56) Ethyl methacrylate	10.520	69	37827	22.921	ug/l	94
57) 1,3-Dichloropropane	10.795	76	52152	20.737	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	111151	129.776	ug/l	97
59) 2-Hexanone	10.837	43	81717	118.560	ug/l	96
60) Dibromochloromethane	10.996	129	38230	20.384	ug/l	99
61) 1,2-Dibromoethane	11.099	107	27762	20.475	ug/l	96
64) Tetrachloroethene	10.728	164	49857	20.301	ug/l	98
65) Chlorobenzene	11.526	112	113587	19.666	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.599	131	37754	19.251	ug/l	99
67) Ethyl Benzene	11.599	91	195153	19.655	ug/l	97
68) m/p-Xylenes	11.709	106	149848	39.794	ug/l	99
69) o-Xylene	12.038	106	68759	23.552	ug/l	97
70) Styrene	12.050	104	117143	23.514	ug/l	100
71) Bromoform	12.215	173	21454	19.735	ug/l #	98
73) Isopropylbenzene	12.337	105	182097	19.855	ug/l	100
74) N-amyl acetate	12.148	43	37095	23.581	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	31948	20.137	ug/l	100
76) 1,2,3-Trichloropropane	12.642	75	25408m	21.305	ug/l	
77) Bromobenzene	12.617	156	42342	19.384	ug/l	97
78) n-propylbenzene	12.678	91	227130	20.296	ug/l	99
79) 2-Chlorotoluene	12.764	91	123815	20.198	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	143801	20.090	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	10343	22.126	ug/l	91
82) 4-Chlorotoluene	12.861	91	127531	20.092	ug/l	100
83) tert-Butylbenzene	13.081	119	128158	19.694	ug/l	100
84) 1,2,4-Trimethylbenzene	13.130	105	143826	20.176	ug/l	99
85) sec-Butylbenzene	13.258	105	200126	20.490	ug/l	100
86) p-Isopropyltoluene	13.373	119	161079	19.730	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	86165	19.880	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	85671	20.651	ug/l	98
89) n-Butylbenzene	13.703	91	154183	20.527	ug/l	98
90) Hexachloroethane	13.965	117	33292	20.508	ug/l	98
91) 1,2-Dichlorobenzene	13.745	146	73053	20.333	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	4368	20.374	ug/l	92
93) 1,2,4-Trichlorobenzene	15.013	180	39942	20.297	ug/l	98
94) Hexachlorobutadiene	15.117	225	23631	19.809	ug/l	94
95) Naphthalene	15.245	128	64904	22.986	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	33727	20.290	ug/l	98

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

