

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041924\
 Data File : VY017992.D
 Acq On : 19 Apr 2024 12:36
 Operator : SY/MD
 Sample : VY0419SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0419SBS01

Quant Time: Apr 19 23:22:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:24:42 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 04/22/2024
 Supervised By :Semsettin Yesilyurt 04/22/2024

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	453970	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	701644	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	594710	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	275172	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	185573	47.237	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.480%		
35) Dibromofluoromethane	7.716	113	221906	51.264	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	102.520%		
50) Toluene-d8	10.179	98	881125	53.644	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	107.280%		
62) 4-Bromofluorobenzene	12.483	95	262018	51.508	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	103.020%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	85251	23.671	ug/l	99
3) Chloromethane	2.113	50	104803	17.562	ug/l	99
4) Vinyl Chloride	2.247	62	118828	17.666	ug/l	98
5) Bromomethane	2.649	94	77586	17.330	ug/l	95
6) Chloroethane	2.790	64	71512	16.841	ug/l	99
7) Trichlorofluoromethane	3.125	101	154419	20.371	ug/l	96
8) Diethyl Ether	3.527	74	44537	18.593	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.899	101	99218	21.018	ug/l	97
10) Methyl Iodide	4.094	142	127926	20.370	ug/l	98
11) Tert butyl alcohol	4.948	59	23056	71.551	ug/l	98
12) 1,1-Dichloroethene	3.869	96	96082	20.967	ug/l	99
13) Acrolein	3.729	56	37063	121.137	ug/l	99
14) Allyl chloride	4.478	41	117344	19.787	ug/l	94
15) Acrylonitrile	5.161	53	84427	86.808	ug/l	99
16) Acetone	3.948	43	58054	74.789	ug/l	92
17) Carbon Disulfide	4.192	76	297379	20.399	ug/l	97
18) Methyl Acetate	4.478	43	32690	16.008	ug/l	97
19) Methyl tert-butyl Ether	5.216	73	177793	17.802	ug/l	99
20) Methylene Chloride	4.710	84	109612	20.843	ug/l	99
21) trans-1,2-Dichloroethene	5.222	96	102340	20.386	ug/l	96
22) Diisopropyl ether	6.118	45	252278	19.404	ug/l	100
23) Vinyl Acetate	6.057	43	691317	89.671	ug/l	99
24) 1,1-Dichloroethane	6.021	63	167670	19.752	ug/l	98
25) 2-Butanone	6.984	43	94432	82.765	ug/l	94
26) 2,2-Dichloropropane	6.978	77	137568	20.200	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	114373	19.948	ug/l	99
28) Bromochloromethane	7.332	49	60807	18.211	ug/l	99
29) Tetrahydrofuran	7.344	42	60531	83.600	ug/l	96
30) Chloroform	7.508	83	169513	19.539	ug/l	98
31) Cyclohexane	7.789	56	155059	20.650	ug/l	99
32) 1,1,1-Trichloroethane	7.703	97	148050	20.489	ug/l	99
36) 1,1-Dichloropropene	7.917	75	131254	20.850	ug/l	98
37) Ethyl Acetate	7.075	43	43853	16.932	ug/l #	97
38) Carbon Tetrachloride	7.905	117	133505	20.991	ug/l	99
39) Methylcyclohexane	9.185	83	171580	20.915	ug/l	96
40) Benzene	8.161	78	399251	20.247	ug/l	99

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 Supervised By :Semsettin Yesilyurt 04/22/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	29254m	17.900	ug/l	
42) 1,2-Dichloroethane	8.234	62	83631	18.510	ug/l	99
43) Isopropyl Acetate	8.270	43	81523	16.886	ug/l	99
44) Trichloroethene	8.941	130	103322	20.620	ug/l	98
45) 1,2-Dichloropropane	9.215	63	87480	19.273	ug/l	100
46) Dibromomethane	9.307	93	45766	18.228	ug/l	94
47) Bromodichloromethane	9.496	83	121739	19.326	ug/l	97
48) Methyl methacrylate	9.295	41	37723	17.051	ug/l	97
49) 1,4-Dioxane	9.301	88	9774	340.999	ug/l #	98
51) 4-Methyl-2-Pentanone	10.069	43	219492	85.759	ug/l	97
52) Toluene	10.246	92	249234	20.598	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	106878	18.585	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	134262	19.005	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	63976	18.744	ug/l	97
56) Ethyl methacrylate	10.514	69	76433	17.178	ug/l	98
57) 1,3-Dichloropropane	10.794	76	106717	18.465	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	195269	84.426	ug/l	99
59) 2-Hexanone	10.837	43	147671	84.522	ug/l	97
60) Dibromochloromethane	10.989	129	81392	18.555	ug/l	99
61) 1,2-Dibromoethane	11.093	107	57530	18.086	ug/l	98
64) Tetrachloroethene	10.721	164	91093	21.382	ug/l	99
65) Chlorobenzene	11.520	112	267607	20.531	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.593	131	87198	20.289	ug/l	99
67) Ethyl Benzene	11.593	91	453028	20.642	ug/l	99
68) m/p-Xylenes	11.703	106	353943	41.990	ug/l	100
69) o-Xylene	12.032	106	162734	20.673	ug/l	99
70) Styrene	12.044	104	270939	20.365	ug/l	99
71) Bromoform	12.209	173	45645	18.382	ug/l #	99
73) Isopropylbenzene	12.331	105	433525	21.621	ug/l	100
74) N-amyl acetate	12.148	43	70574	17.436	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.587	83	68239	18.248	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	41710m	16.153	ug/l	
77) Bromobenzene	12.611	156	99554	20.517	ug/l	96
78) n-propylbenzene	12.672	91	520106	21.379	ug/l	99
79) 2-Chlorotoluene	12.757	91	287378	21.105	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	339673	21.365	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	22885	18.273	ug/l	96
82) 4-Chlorotoluene	12.855	91	289468	20.526	ug/l	99
83) tert-Butylbenzene	13.081	119	317090	21.836	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	334935	21.154	ug/l	98
85) sec-Butylbenzene	13.257	105	464089	21.278	ug/l	99
86) p-Isopropyltoluene	13.373	119	376566	21.011	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	195793	20.337	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	193808	20.507	ug/l	99
89) n-Butylbenzene	13.702	91	344926	20.457	ug/l	99
90) Hexachloroethane	13.964	117	76582	20.838	ug/l	95
91) 1,2-Dichlorobenzene	13.745	146	166476	20.043	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	8030	16.694	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	91733	18.965	ug/l	98
94) Hexachlorobutadiene	15.117	225	57291	19.966	ug/l	99
95) Naphthalene	15.239	128	134395	16.861	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	74909	18.457	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

