

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041224\
 Data File : VY017921.D
 Acq On : 12 Apr 2024 13:01
 Operator : SY/MD
 Sample : VY0412SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0412SBS01

Quant Time: Apr 13 00:33:39 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 04/15/2024
 Supervised By :Semsettin Yesilyurt 04/15/2024

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	139437	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	222804	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	198817	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	94718	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	69539	57.632	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 115.260%			
35) Dibromofluoromethane	7.716	113	71885	55.835	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.660%			
50) Toluene-d8	10.179	98	262199	54.520	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 109.040%			
62) 4-Bromofluorobenzene	12.483	95	79048	54.024	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 108.040%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	18634	19.983	ug/l	96
3) Chloromethane	2.113	50	30388	16.697	ug/l	95
4) Vinyl Chloride	2.247	62	49114	20.649	ug/l	98
5) Bromomethane	2.637	94	48605	25.273	ug/l	96
6) Chloroethane	2.790	64	44430	28.630	ug/l	99
7) Trichlorofluoromethane	3.113	101	46270	19.948	ug/l	99
8) Diethyl Ether	3.521	74	12660	18.581	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.893	101	25820	18.561	ug/l	97
10) Methyl Iodide	4.082	142	23513	15.543	ug/l	99
11) Tert butyl alcohol	4.948	59	11973	123.272	ug/l #	88
12) 1,1-Dichloroethene	3.869	96	21037	16.161	ug/l	96
13) Acrolein	3.716	56	7744	91.608	ug/l	99
14) Allyl chloride	4.472	41	25096	15.715	ug/l	89
15) Acrylonitrile	5.155	53	28566	99.322	ug/l	98
16) Acetone	3.936	43	25336	101.582	ug/l	91
17) Carbon Disulfide	4.192	76	36386	9.877	ug/l	98
18) Methyl Acetate	4.466	43	11269	20.399	ug/l	100
19) Methyl tert-butyl Ether	5.216	73	59380	19.923	ug/l	99
20) Methylene Chloride	4.710	84	31417	18.905	ug/l	93
21) trans-1,2-Dichloroethene	5.210	96	22759	16.339	ug/l	96
22) Diisopropyl ether	6.112	45	70048	18.978	ug/l	94
23) Vinyl Acetate	6.057	43	208779	92.643	ug/l	100
24) 1,1-Dichloroethane	6.009	63	46220	18.867	ug/l	98
25) 2-Butanone	6.984	43	35217	99.117	ug/l	93
26) 2,2-Dichloropropane	6.978	77	41314	19.525	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	31276	18.999	ug/l	99
28) Bromochloromethane	7.332	49	19746	19.820	ug/l	95
29) Tetrahydrofuran	7.350	42	20543	96.358	ug/l	100
30) Chloroform	7.502	83	53227	20.940	ug/l	100
31) Cyclohexane	7.789	56	30295	14.252	ug/l	93
32) 1,1,1-Trichloroethane	7.697	97	42941	19.849	ug/l	96
36) 1,1-Dichloropropene	7.917	75	30540	16.258	ug/l	99
37) Ethyl Acetate	7.069	43	16605	20.483	ug/l	97
38) Carbon Tetrachloride	7.899	117	36536	18.735	ug/l	98
39) Methylcyclohexane	9.185	83	32159	13.705	ug/l	92
40) Benzene	8.161	78	103472	17.873	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	10565m	25.109	ug/l	
42) 1,2-Dichloroethane	8.234	62	29327	20.582	ug/l	97
43) Isopropyl Acetate	8.271	43	28773	19.558	ug/l	98
44) Trichloroethene	8.941	130	27196	18.056	ug/l	97
45) 1,2-Dichloropropane	9.215	63	25481	18.942	ug/l	97
46) Dibromomethane	9.307	93	15364	20.103	ug/l	98
47) Bromodichloromethane	9.496	83	40168	20.800	ug/l	99
48) Methyl methacrylate	9.295	41	12066	21.290	ug/l #	93
49) 1,4-Dioxane	9.295	88	3516	409.803	ug/l #	100
51) 4-Methyl-2-Pentanone	10.075	43	81324	120.206	ug/l	98
52) Toluene	10.246	92	65384	18.620	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	32887	19.180	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	39435	18.844	ug/l	96
55) 1,1,2-Trichloroethane	10.648	97	22112	21.713	ug/l	97
56) Ethyl methacrylate	10.514	69	24658	21.897	ug/l #	93
57) 1,3-Dichloropropane	10.788	76	34504	20.033	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	71756	122.572	ug/l	99
59) 2-Hexanone	10.831	43	54740	116.166	ug/l	96
60) Dibromochloromethane	10.990	129	26853	20.907	ug/l	100
61) 1,2-Dibromoethane	11.093	107	18597	20.027	ug/l	99
64) Tetrachloroethene	10.721	164	31848	18.366	ug/l	99
65) Chlorobenzene	11.520	112	76068	18.651	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	26699	19.280	ug/l	99
67) Ethyl Benzene	11.593	91	122945	17.536	ug/l	98
68) m/p-Xylenes	11.703	106	94938	35.706	ug/l	100
69) o-Xylene	12.032	106	43485	21.052	ug/l	96
70) Styrene	12.044	104	76218	21.684	ug/l	99
71) Bromoform	12.215	173	15333	19.975	ug/l #	97
73) Isopropylbenzene	12.337	105	117379	17.683	ug/l	99
74) N-amyl acetate	12.148	43	23583	20.874	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.587	83	22975	20.009	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	15759m	18.258	ug/l	
77) Bromobenzene	12.611	156	29448	18.627	ug/l	99
78) n-propylbenzene	12.672	91	145809	18.002	ug/l	100
79) 2-Chlorotoluene	12.758	91	81880	18.456	ug/l	100
80) 1,3,5-Trimethylbenzene	12.818	105	95496	18.434	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	7703	22.730	ug/l	96
82) 4-Chlorotoluene	12.855	91	81912	17.831	ug/l	97
83) tert-Butylbenzene	13.081	119	86918	18.455	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	94412	18.299	ug/l	99
85) sec-Butylbenzene	13.257	105	133709	18.915	ug/l	98
86) p-Isopropyltoluene	13.373	119	106111	17.958	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	59016	18.813	ug/l	99
88) 1,4-Dichlorobenzene	13.452	146	58075	19.342	ug/l	100
89) n-Butylbenzene	13.702	91	99665	18.333	ug/l	97
90) Hexachloroethane	13.965	117	22335	19.010	ug/l	99
91) 1,2-Dichlorobenzene	13.745	146	50910	19.579	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	3050	19.657	ug/l	98
93) 1,2,4-Trichlorobenzene	15.013	180	51114	35.889	ug/l	99
94) Hexachlorobutadiene	15.117	225	29072	33.672	ug/l	98
95) Naphthalene	15.239	128	63998	30.146	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	29228	24.295	ug/l	98

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

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