

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032724\
 Data File : VY017778.D
 Acq On : 27 Mar 2024 13:53
 Operator : SY/MD
 Sample : VY0327SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0327SBS01

Quant Time: Mar 28 02:15:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032224S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 04:03:52 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 03/28/2024
 Supervised By :Semsettin Yesilyurt 03/28/2024

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	127991	50.000	ug/l	-0.02
34) 1,4-Difluorobenzene	8.697	114	214846	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.502	117	185752	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	86208	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	68682	61.596	ug/l	-0.01
Spiked Amount 50.000	Range 50 - 163		Recovery = 123.200%			
35) Dibromofluoromethane	7.728	113	69628	54.217	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.440%			
50) Toluene-d8	10.191	98	273659	55.677	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 111.360%			
62) 4-Bromofluorobenzene	12.489	95	81053	54.917	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 109.840%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	20706	18.739	ug/l	94
3) Chloromethane	2.119	50	31250	21.831	ug/l	99
4) Vinyl Chloride	2.253	62	40412	23.350	ug/l	96
5) Bromomethane	2.650	94	36735	27.184	ug/l	100
6) Chloroethane	2.796	64	29218	25.260	ug/l	96
7) Trichlorofluoromethane	3.131	101	38935	21.343	ug/l	99
8) Diethyl Ether	3.534	74	13351	22.199	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.905	101	27846	21.443	ug/l	97
10) Methyl Iodide	4.101	142	28816	18.153	ug/l	97
11) Tert butyl alcohol	4.966	59	9340	125.934	ug/l #	91
12) 1,1-Dichloroethene	3.875	96	25512	20.886	ug/l	88
13) Acrolein	3.735	56	10067	112.606	ug/l	94
14) Allyl chloride	4.485	41	37653	22.745	ug/l	94
15) Acrylonitrile	5.174	53	31205	125.249	ug/l	99
16) Acetone	3.954	43	24075	123.443	ug/l	96
17) Carbon Disulfide	4.204	76	75379	18.443	ug/l	99
18) Methyl Acetate	4.491	43	12431	25.316	ug/l	96
19) Methyl tert-butyl Ether	5.228	73	61226	23.247	ug/l	99
20) Methylene Chloride	4.722	84	32699	23.054	ug/l #	86
21) trans-1,2-Dichloroethene	5.228	96	29217	20.981	ug/l	86
22) Diisopropyl ether	6.125	45	87660	24.320	ug/l #	90
23) Vinyl Acetate	6.070	43	258040	121.888	ug/l	95
24) 1,1-Dichloroethane	6.027	63	54890	23.169	ug/l	96
25) 2-Butanone	6.996	43	36754	115.373	ug/l	88
26) 2,2-Dichloropropane	6.990	77	44129	21.914	ug/l	98
27) cis-1,2-Dichloroethene	6.996	96	34492	21.898	ug/l	91
28) Bromochloromethane	7.338	49	21833	23.772	ug/l	82
29) Tetrahydrofuran	7.362	42	23892	117.037	ug/l	88
30) Chloroform	7.515	83	55992	22.798	ug/l	99
31) Cyclohexane	7.795	56	45455	20.611	ug/l	98
32) 1,1,1-Trichloroethane	7.710	97	46854	21.905	ug/l	95
36) 1,1-Dichloropropene	7.923	75	39377	19.847	ug/l	97
37) Ethyl Acetate	7.082	43	18820	24.686	ug/l #	76
38) Carbon Tetrachloride	7.911	117	41048	19.759	ug/l	98
39) Methylcyclohexane	9.191	83	48262	18.949	ug/l	92
40) Benzene	8.173	78	125125	21.068	ug/l	99

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41) Methacrylonitrile	7.332	41	9018m	23.946	ug/l	
42) 1,2-Dichloroethane	8.246	62	31599	22.213	ug/l	96
43) Isopropyl Acetate	8.283	43	31918	21.573	ug/l	95
44) Trichloroethene	8.953	130	30854	19.862	ug/l	98
45) 1,2-Dichloropropane	9.222	63	28795	21.279	ug/l	97
46) Dibromomethane	9.319	93	15888	21.070	ug/l	96
47) Bromodichloromethane	9.508	83	41449	21.497	ug/l	99
48) Methyl methacrylate	9.301	41	14507	21.422	ug/l	93
49) 1,4-Dioxane	9.313	88	3451	470.349	ug/l #	100
51) 4-Methyl-2-Pentanone	10.081	43	86007	109.348	ug/l	93
52) Toluene	10.252	92	77579	21.139	ug/l	98
53) t-1,3-Dichloropropene	10.477	75	36525	21.661	ug/l	97
54) cis-1,3-Dichloropropene	9.941	75	44283	21.498	ug/l	95
55) 1,1,2-Trichloroethane	10.654	97	21023	21.794	ug/l	98
56) Ethyl methacrylate	10.520	69	25678	19.738	ug/l #	85
57) 1,3-Dichloropropane	10.801	76	35565	21.405	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.795	63	68787	107.031	ug/l	98
59) 2-Hexanone	10.843	43	57528	106.548	ug/l	90
60) Dibromochloromethane	10.996	129	26658	20.661	ug/l	100
61) 1,2-Dibromoethane	11.099	107	19222	21.225	ug/l	100
64) Tetrachloroethene	10.727	164	34322	19.980	ug/l	96
65) Chlorobenzene	11.526	112	85138	21.292	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.599	131	27697	20.743	ug/l	99
67) Ethyl Benzene	11.605	91	140702	20.489	ug/l	97
68) m/p-Xylenes	11.715	106	108721	40.812	ug/l	94
69) o-Xylene	12.038	106	49503	20.354	ug/l	97
70) Styrene	12.056	104	84456	20.864	ug/l	99
71) Bromoform	12.221	173	14641	20.820	ug/l #	99
73) Isopropylbenzene	12.337	105	130337	20.022	ug/l	100
74) N-amyl acetate	12.154	43	26491	21.196	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.593	83	20786	20.738	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	16264m	20.430	ug/l	
77) Bromobenzene	12.617	156	29784	20.096	ug/l	95
78) n-propylbenzene	12.684	91	163972	20.809	ug/l	98
79) 2-Chlorotoluene	12.764	91	88217	20.415	ug/l	99
80) 1,3,5-Trimethylbenzene	12.825	105	104956	20.597	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.386	75	7503	21.778	ug/l	92
82) 4-Chlorotoluene	12.861	91	91991	20.748	ug/l	99
83) tert-Butylbenzene	13.087	119	96016	20.821	ug/l	99
84) 1,2,4-Trimethylbenzene	13.129	105	103810	20.780	ug/l	100
85) sec-Butylbenzene	13.264	105	146266	21.163	ug/l	99
86) p-Isopropyltoluene	13.379	119	121228	21.125	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	59881	19.939	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	60168	20.869	ug/l	99
89) n-Butylbenzene	13.703	91	109983	21.184	ug/l	98
90) Hexachloroethane	13.971	117	23271	19.886	ug/l	93
91) 1,2-Dichlorobenzene	13.745	146	50414	20.264	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.367	75	2967	22.378	ug/l	90
93) 1,2,4-Trichlorobenzene	15.013	180	26631	22.097	ug/l	99
94) Hexachlorobutadiene	15.117	225	15710	20.308	ug/l	97
95) Naphthalene	15.245	128	40912	20.009	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	21574	21.681	ug/l	97

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

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