

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012524\
 Data File : VY017104.D
 Acq On : 25 Jan 2024 14:50
 Operator : SY/MD
 Sample : VY0125SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0125SBS01

Quant Time: Jan 26 04:42:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 25 04:44:10 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/29/2024
 Supervised By :Semsettin Yesilyurt 01/29/2024

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	119970	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	207822	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.501	117	178214	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	78784	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	65315	55.878	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.760%			
35) Dibromofluoromethane	7.728	113	68046	54.250	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.500%			
50) Toluene-d8	10.191	98	258631	54.592	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 109.180%			
62) 4-Bromofluorobenzene	12.489	95	80828	55.384	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 110.760%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	23961	24.769	ug/l	93
3) Chloromethane	2.119	50	40896	24.463	ug/l	95
4) Vinyl Chloride	2.253	62	48562	25.800	ug/l	96
5) Bromomethane	2.649	94	35306	25.518	ug/l	98
6) Chloroethane	2.796	64	31380	25.786	ug/l	94
7) Trichlorofluoromethane	3.131	101	48620	22.694	ug/l	98
8) Diethyl Ether	3.533	74	15336	22.187	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.905	101	29058	21.654	ug/l	99
10) Methyl Iodide	4.100	142	25990	20.387	ug/l	98
11) Tert butyl alcohol	4.960	59	9959	110.815	ug/l	98
12) 1,1-Dichloroethene	3.881	96	26152	21.290	ug/l	99
13) Acrolein	3.741	56	15300	109.142	ug/l	99
14) Allyl chloride	4.490	41	40780	21.964	ug/l	99
15) Acrylonitrile	5.173	53	32333	107.779	ug/l	99
16) Acetone	3.954	43	46875	132.310	ug/l	97
17) Carbon Disulfide	4.204	76	77973	21.061	ug/l	99
18) Methyl Acetate	4.484	43	25577	21.330	ug/l	99
19) Methyl tert-butyl Ether	5.228	73	65002	21.685	ug/l	99
20) Methylene Chloride	4.728	84	34274	23.102	ug/l	93
21) trans-1,2-Dichloroethene	5.228	96	30751	21.643	ug/l	98
22) Diisopropyl ether	6.130	45	92310	22.524	ug/l	97
23) Vinyl Acetate	6.069	43	220688	111.011	ug/l	100
24) 1,1-Dichloroethane	6.027	63	54675	21.872	ug/l	98
25) 2-Butanone	6.996	43	56924	121.978	ug/l	99
26) 2,2-Dichloropropane	6.990	77	46427	21.746	ug/l	100
27) cis-1,2-Dichloroethene	6.990	96	34079	21.644	ug/l	97
28) Bromochloromethane	7.344	49	22398	22.507	ug/l	100
29) Tetrahydrofuran	7.356	42	26683	112.577	ug/l	98
30) Chloroform	7.514	83	55511	21.809	ug/l	98
31) Cyclohexane	7.795	56	48377	21.538	ug/l	98
32) 1,1,1-Trichloroethane	7.709	97	48290	22.125	ug/l	100
36) 1,1-Dichloropropene	7.929	75	43267	20.966	ug/l	99
37) Ethyl Acetate	7.088	43	19143	21.573	ug/l	100
38) Carbon Tetrachloride	7.911	117	41829	20.683	ug/l	99
39) Methylcyclohexane	9.191	83	49389	19.898	ug/l	97
40) Benzene	8.167	78	127145	21.215	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	8647	18.220	ug/l #	85
42) 1,2-Dichloroethane	8.246	62	32975	21.222	ug/l	99
43) Isopropyl Acetate	8.282	43	35779	21.598	ug/l	99
44) Trichloroethene	8.947	130	31942	20.780	ug/l	97
45) 1,2-Dichloropropane	9.221	63	31465	21.390	ug/l	98
46) Dibromomethane	9.313	93	16293	20.856	ug/l	97
47) Bromodichloromethane	9.508	83	41971	21.118	ug/l	99
48) Methyl methacrylate	9.301	41	19593	21.302	ug/l	99
49) 1,4-Dioxane	9.313	88	3547	461.637	ug/l	98
51) 4-Methyl-2-Pentanone	10.075	43	93462	106.060	ug/l	100
52) Toluene	10.252	92	77372	21.329	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	37863	20.854	ug/l	94
54) cis-1,3-Dichloropropene	9.935	75	47144	21.112	ug/l	99
55) 1,1,2-Trichloroethane	10.654	97	22717	20.805	ug/l	96
56) Ethyl methacrylate	10.520	69	19753	20.688	ug/l	97
57) 1,3-Dichloropropane	10.794	76	39296	21.287	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.788	63	71637	108.084	ug/l	99
59) 2-Hexanone	10.843	43	76762	114.180	ug/l	99
60) Dibromochloromethane	10.989	129	26183	20.640	ug/l	98
61) 1,2-Dibromoethane	11.099	107	20478	20.645	ug/l	99
64) Tetrachloroethene	10.727	164	25489	20.519	ug/l	95
65) Chlorobenzene	11.526	112	79087	20.941	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	29104	21.098	ug/l	98
67) Ethyl Benzene	11.599	91	143503	20.902	ug/l	99
68) m/p-Xylenes	11.709	106	107636	41.728	ug/l	99
69) o-Xylene	12.038	106	49167	20.984	ug/l	99
70) Styrene	12.050	104	73148	21.504	ug/l	99
71) Bromoform	12.215	173	14117	20.409	ug/l #	100
73) Isopropylbenzene	12.337	105	133750	20.651	ug/l	100
74) N-amyl acetate	12.154	43	27543	21.098	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.593	83	25749	20.849	ug/l	98
76) 1,2,3-Trichloropropane	12.641	75	18870m	19.733	ug/l	
77) Bromobenzene	12.617	156	28468	20.314	ug/l	97
78) n-propylbenzene	12.678	91	165412	21.234	ug/l	99
79) 2-Chlorotoluene	12.763	91	89637	20.969	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	108039	21.077	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.385	75	7607	20.594	ug/l	97
82) 4-Chlorotoluene	12.861	91	93785	21.169	ug/l	99
83) tert-Butylbenzene	13.080	119	91283	20.588	ug/l	97
84) 1,2,4-Trimethylbenzene	13.129	105	107662	21.133	ug/l	99
85) sec-Butylbenzene	13.263	105	137980	21.017	ug/l	100
86) p-Isopropyltoluene	13.379	119	115321	21.088	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	57048	20.618	ug/l	100
88) 1,4-Dichlorobenzene	13.452	146	55372	20.340	ug/l	99
89) n-Butylbenzene	13.702	91	111159	21.074	ug/l	99
90) Hexachloroethane	13.964	117	23244	20.393	ug/l	98
91) 1,2-Dichlorobenzene	13.745	146	49174	20.811	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	3112	19.729	ug/l	92
93) 1,2,4-Trichlorobenzene	15.013	180	24276	19.661	ug/l	97
94) Hexachlorobutadiene	15.117	225	14717	19.804	ug/l	98
95) Naphthalene	15.245	128	41366	18.968	ug/l	100
96) 1,2,3-Trichlorobenzene	15.434	180	20084	19.551	ug/l	99

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

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