

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040124\
 Data File : VY017807.D
 Acq On : 01 Apr 2024 15:25
 Operator : SY/MD
 Sample : VY0401SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0401SBS01

Quant Time: Apr 02 03:20:30 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	191677	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	315597	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	269915	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	121398	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	81775	49.302	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.600%		
35) Dibromofluoromethane	7.728	113	87389	47.920	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.840%		
50) Toluene-d8	10.191	98	332623	48.828	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	97.660%		
62) 4-Bromofluorobenzene	12.489	95	94814	45.747	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	91.500%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	25246	19.695	ug/l	96
3) Chloromethane	2.119	50	48674	19.455	ug/l	97
4) Vinyl Chloride	2.253	62	68817	21.047	ug/l	96
5) Bromomethane	2.650	94	57800	21.863	ug/l	100
6) Chloroethane	2.796	64	47592	22.309	ug/l	96
7) Trichlorofluoromethane	3.131	101	64338	20.178	ug/l	97
8) Diethyl Ether	3.533	74	18200	19.431	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.905	101	36315	18.991	ug/l	96
10) Methyl Iodide	4.100	142	36314	17.463	ug/l	100
11) Tert butyl alcohol	4.966	59	12436	82.791	ug/l #	85
12) 1,1-Dichloroethene	3.881	96	34451	19.253	ug/l	95
13) Acrolein	3.735	56	12813	110.262	ug/l	100
14) Allyl chloride	4.485	41	43209	19.683	ug/l	96
15) Acrylonitrile	5.167	53	36089	91.280	ug/l	100
16) Acetone	3.948	43	30059	87.672	ug/l #	85
17) Carbon Disulfide	4.204	76	83509	16.491	ug/l	98
18) Methyl Acetate	4.485	43	14509	19.106	ug/l	97
19) Methyl tert-butyl Ether	5.228	73	75113	18.333	ug/l	100
20) Methylene Chloride	4.722	84	43168	18.895	ug/l	96
21) trans-1,2-Dichloroethene	5.228	96	36497	19.060	ug/l	96
22) Diisopropyl ether	6.124	45	101552	20.014	ug/l	92
23) Vinyl Acetate	6.070	43	287507	92.807	ug/l	96
24) 1,1-Dichloroethane	6.027	63	68213	20.255	ug/l	99
25) 2-Butanone	6.990	43	42112	86.220	ug/l	93
26) 2,2-Dichloropropane	6.990	77	55583	19.109	ug/l	100
27) cis-1,2-Dichloroethene	6.990	96	43447	19.199	ug/l	94
28) Bromochloromethane	7.344	49	29191	21.315	ug/l	90
29) Tetrahydrofuran	7.356	42	25437	86.795	ug/l	96
30) Chloroform	7.514	83	71915	20.582	ug/l	98
31) Cyclohexane	7.795	56	51307	17.559	ug/l	94
32) 1,1,1-Trichloroethane	7.710	97	58851	19.789	ug/l	95
36) 1,1-Dichloropropene	7.923	75	48660	18.287	ug/l	96
37) Ethyl Acetate	7.082	43	19594	17.064	ug/l	99
38) Carbon Tetrachloride	7.911	117	50002	18.102	ug/l	96
39) Methylcyclohexane	9.191	83	54568	16.418	ug/l	98
40) Benzene	8.173	78	154119	18.794	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	11069m	19.006	ug/l	
42) 1,2-Dichloroethane	8.246	62	39075	19.360	ug/l	98
43) Isopropyl Acetate	8.283	43	35984	17.268	ug/l #	83
44) Trichloroethene	8.947	130	39715	18.615	ug/l	100
45) 1,2-Dichloropropane	9.221	63	35578	18.671	ug/l	98
46) Dibromomethane	9.313	93	19572	18.079	ug/l	98
47) Bromodichloromethane	9.508	83	52861	19.325	ug/l	98
48) Methyl methacrylate	9.301	41	15040	18.877	ug/l #	93
49) 1,4-Dioxane	9.313	88	3808	313.338	ug/l #	92
51) 4-Methyl-2-Pentanone	10.081	43	94201	98.885	ug/l	97
52) Toluene	10.252	92	94292	18.957	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	44125	18.168	ug/l	96
54) cis-1,3-Dichloropropene	9.935	75	55091	18.585	ug/l	97
55) 1,1,2-Trichloroethane	10.654	97	26366	18.278	ug/l	99
56) Ethyl methacrylate	10.520	69	30858	19.509	ug/l #	89
57) 1,3-Dichloropropane	10.800	76	44860	18.387	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.788	63	85361	103.103	ug/l	98
59) 2-Hexanone	10.843	43	62131	94.524	ug/l	95
60) Dibromochloromethane	10.996	129	33782	18.568	ug/l	99
61) 1,2-Dibromoethane	11.099	107	23345	17.748	ug/l	99
64) Tetrachloroethene	10.727	164	43199	18.350	ug/l	97
65) Chlorobenzene	11.526	112	104025	18.788	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.599	131	35380	18.819	ug/l	98
67) Ethyl Benzene	11.599	91	172748	18.149	ug/l	98
68) m/p-Xylenes	11.709	106	132508	36.709	ug/l	96
69) o-Xylene	12.038	106	60699	21.663	ug/l	99
70) Styrene	12.050	104	105426	22.092	ug/l	99
71) Bromoform	12.215	173	18104	17.373	ug/l #	100
73) Isopropylbenzene	12.337	105	159363	18.732	ug/l	99
74) N-amyl acetate	12.154	43	28676	19.855	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.587	83	26419	17.952	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	21020m	19.001	ug/l	
77) Bromobenzene	12.617	156	37143	18.331	ug/l	99
78) n-propylbenzene	12.678	91	200111	19.277	ug/l	99
79) 2-Chlorotoluene	12.764	91	109261	19.215	ug/l	100
80) 1,3,5-Trimethylbenzene	12.818	105	126663	19.077	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	8480	19.684	ug/l	91
82) 4-Chlorotoluene	12.861	91	112195	19.055	ug/l	99
83) tert-Butylbenzene	13.081	119	116746	19.340	ug/l	99
84) 1,2,4-Trimethylbenzene	13.129	105	125856	19.033	ug/l	98
85) sec-Butylbenzene	13.257	105	172545	19.044	ug/l	99
86) p-Isopropyltoluene	13.379	119	137836	18.201	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	74595	18.553	ug/l	98
88) 1,4-Dichlorobenzene	13.452	146	73239	19.032	ug/l	99
89) n-Butylbenzene	13.702	91	132989	19.087	ug/l	97
90) Hexachloroethane	13.971	117	28906	19.195	ug/l	97
91) 1,2-Dichlorobenzene	13.745	146	62613	18.788	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	3213	16.156	ug/l	93
93) 1,2,4-Trichlorobenzene	15.013	180	30851	16.901	ug/l	99
94) Hexachlorobutadiene	15.117	225	19564	17.680	ug/l	99
95) Naphthalene	15.245	128	42506	16.866	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	25129	16.297	ug/l	98

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

