

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020624\
 Data File : VY017255.D
 Acq On : 06 Feb 2024 11:19
 Operator : SY/MD
 Sample : VY0206SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0206SBS01

Quant Time: Feb 07 00:06:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/07/2024
 Supervised By :Semsettin Yesilyurt 02/07/2024

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

Internal Standards						
1) Pentafluorobenzene	7.813	168	125594	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.710	114	210454	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.502	117	181029	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	81270	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	50096	44.650	ug/l	0.01
Spiked Amount 50.000	Range 50 - 163		Recovery =	89.300%		
35) Dibromofluoromethane	7.740	113	54829	48.251	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.500%		
50) Toluene-d8	10.197	98	198708	48.029	ug/l	0.01
Spiked Amount 50.000	Range 58 - 134		Recovery =	96.060%		
62) 4-Bromofluorobenzene	12.489	95	61652	45.490	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	90.980%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.912	85	21762	22.857	ug/l	97
3) Chloromethane	2.125	50	33662	19.681	ug/l	97
4) Vinyl Chloride	2.266	62	39778	19.084	ug/l	99
5) Bromomethane	2.662	94	28143	19.479	ug/l	98
6) Chloroethane	2.808	64	25344	18.832	ug/l	99
7) Trichlorofluoromethane	3.137	101	44785	20.896	ug/l	98
8) Diethyl Ether	3.546	74	13580	20.143	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.918	101	27904	21.477	ug/l	97
10) Methyl Iodide	4.113	142	25232	18.473	ug/l	98
11) Tert butyl alcohol	4.972	59	9599	91.169	ug/l #	82
12) 1,1-Dichloroethene	3.893	96	25069	20.592	ug/l	96
13) Acrolein	3.753	56	10083	101.501	ug/l	95
14) Allyl chloride	4.503	41	37859	20.571	ug/l	99
15) Acrylonitrile	5.192	53	29701	97.848	ug/l	99
16) Acetone	3.966	43	33996	103.092	ug/l	99
17) Carbon Disulfide	4.216	76	73706	18.966	ug/l	100
18) Methyl Acetate	4.503	43	11909	16.188	ug/l	99
19) Methyl tert-butyl Ether	5.241	73	56578	19.297	ug/l	99
20) Methylene Chloride	4.741	84	32456	22.074	ug/l	98
21) trans-1,2-Dichloroethene	5.247	96	28002	20.219	ug/l	96
22) Diisopropyl ether	6.143	45	82738	20.471	ug/l	98
23) Vinyl Acetate	6.082	43	243863	99.580	ug/l	99
24) 1,1-Dichloroethane	6.045	63	51453	20.782	ug/l	99
25) 2-Butanone	7.009	43	43088	98.289	ug/l	97
26) 2,2-Dichloropropane	7.009	77	42365	20.571	ug/l	100
27) cis-1,2-Dichloroethene	7.009	96	31307	20.212	ug/l	98
28) Bromochloromethane	7.356	49	18505	19.520	ug/l	99
29) Tetrahydrofuran	7.368	42	22532	90.987	ug/l	98
30) Chloroform	7.527	83	52256	20.981	ug/l	97
31) Cyclohexane	7.807	56	46242	20.448	ug/l	95
32) 1,1,1-Trichloroethane	7.728	97	44440	20.743	ug/l	99
36) 1,1-Dichloropropene	7.941	75	39694	20.251	ug/l	99
37) Ethyl Acetate	7.100	43	17692	19.461	ug/l	98
38) Carbon Tetrachloride	7.923	117	39705	21.157	ug/l	98
39) Methylcyclohexane	9.203	83	46979	20.516	ug/l	98
40) Benzene	8.185	78	116702	20.849	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	8457m	19.634	ug/l	
42) 1,2-Dichloroethane	8.258	62	29480	19.892	ug/l	98
43) Isopropyl Acetate	8.289	43	30364	18.868	ug/l	99
44) Trichloroethene	8.960	130	30174	21.236	ug/l	90
45) 1,2-Dichloropropane	9.234	63	28800	20.947	ug/l	97
46) Dibromomethane	9.325	93	14764	19.879	ug/l	100
47) Bromodichloromethane	9.514	83	38728	20.837	ug/l	96
48) Methyl methacrylate	9.313	41	14032	18.589	ug/l	98
49) 1,4-Dioxane	9.319	88	2922	361.471	ug/l	96
51) 4-Methyl-2-Pentanone	10.081	43	83612	96.923	ug/l	99
52) Toluene	10.258	92	71059	21.032	ug/l	100
53) t-1,3-Dichloropropene	10.478	75	34979	20.036	ug/l	100
54) cis-1,3-Dichloropropene	9.941	75	42789	20.462	ug/l	98
55) 1,1,2-Trichloroethane	10.654	97	20743	20.528	ug/l	98
56) Ethyl methacrylate	10.526	69	23418	19.195	ug/l	98
57) 1,3-Dichloropropane	10.801	76	34943	20.106	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.801	63	56410	89.611	ug/l	100
59) 2-Hexanone	10.843	43	62995	100.987	ug/l	100
60) Dibromochloromethane	10.996	129	24091	20.323	ug/l	99
61) 1,2-Dibromoethane	11.099	107	18660	19.856	ug/l	100
64) Tetrachloroethene	10.734	164	25202	21.436	ug/l	96
65) Chlorobenzene	11.526	112	72161	20.664	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.605	131	25714	20.262	ug/l	97
67) Ethyl Benzene	11.605	91	132969	21.068	ug/l	98
68) m/p-Xylenes	11.715	106	101249	42.272	ug/l	100
69) o-Xylene	12.038	106	46858	21.244	ug/l	97
70) Styrene	12.057	104	76101	20.940	ug/l	98
71) Bromoform	12.221	173	13567	20.413	ug/l #	99
73) Isopropylbenzene	12.343	105	124954	20.929	ug/l	100
74) N-amyl acetate	12.154	43	25284	18.847	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.593	83	23444	19.965	ug/l	100
76) 1,2,3-Trichloropropane	12.642	75	15049m	20.062	ug/l	
77) Bromobenzene	12.617	156	26571	20.064	ug/l	99
78) n-propylbenzene	12.678	91	154947	21.131	ug/l	99
79) 2-Chlorotoluene	12.770	91	83475	20.707	ug/l	99
80) 1,3,5-Trimethylbenzene	12.825	105	98676	20.781	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.386	75	6753	18.706	ug/l	94
82) 4-Chlorotoluene	12.867	91	85828	20.686	ug/l	99
83) tert-Butylbenzene	13.087	119	86616	21.281	ug/l	99
84) 1,2,4-Trimethylbenzene	13.129	105	97994	20.908	ug/l	99
85) sec-Butylbenzene	13.264	105	135954	21.371	ug/l	100
86) p-Isopropyltoluene	13.379	119	105639	20.781	ug/l	99
87) 1,3-Dichlorobenzene	13.379	146	53850	20.383	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	52941	20.626	ug/l	98
89) n-Butylbenzene	13.703	91	102166	21.138	ug/l	99
90) Hexachloroethane	13.971	117	21657	20.752	ug/l	98
91) 1,2-Dichlorobenzene	13.751	146	46148	20.519	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	2842	18.580	ug/l	98
93) 1,2,4-Trichlorobenzene	15.019	180	22811	20.419	ug/l	97
94) Hexachlorobutadiene	15.123	225	14566	22.139	ug/l	100
95) Naphthalene	15.251	128	37049	19.255	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	19044	20.044	ug/l	98

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

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