

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062624\
 Data File : VY018700.D
 Acq On : 26 Jun 2024 11:20
 Operator : SY/MD
 Sample : VY0626SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0626SBS01

Quant Time: Jun 27 03:24:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 14 07:08:24 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/27/2024
 Supervised By :Semsettin Yesilyurt 06/27/2024

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	129650	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	209165	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	186560	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	93286	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	61870	47.399	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.800%		
35) Dibromofluoromethane	7.704	113	68724	53.861	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	107.720%		
50) Toluene-d8	10.173	98	259258	52.836	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	105.680%		
62) 4-Bromofluorobenzene	12.477	95	82550	53.277	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	106.560%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	19911	23.317	ug/l	98
3) Chloromethane	2.101	50	35782	20.346	ug/l	99
4) Vinyl Chloride	2.241	62	44667	20.509	ug/l	99
5) Bromomethane	2.625	94	33939	20.965	ug/l	100
6) Chloroethane	2.778	64	28375	19.888	ug/l	94
7) Trichlorofluoromethane	3.101	101	54013	23.030	ug/l	93
8) Diethyl Ether	3.509	74	14391	21.520	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.875	101	28242	23.047	ug/l	99
10) Methyl Iodide	4.076	142	28829	19.881	ug/l	99
11) Tert butyl alcohol	4.936	59	9108	38.792	ug/l #	97
12) 1,1-Dichloroethene	3.851	96	27324	22.188	ug/l	93
13) Acrolein	3.716	56	4680	62.000	ug/l	96
14) Allyl chloride	4.460	41	30516	18.381	ug/l	94
15) Acrylonitrile	5.137	53	27362	91.976	ug/l	98
16) Acetone	3.930	43	22742	85.636	ug/l	94
17) Carbon Disulfide	4.174	76	79232	22.492	ug/l	97
18) Methyl Acetate	4.460	43	13683	20.313	ug/l	97
19) Methyl tert-butyl Ether	5.204	73	62725	19.094	ug/l	98
20) Methylene Chloride	4.692	84	50979	27.033	ug/l	96
21) trans-1,2-Dichloroethene	5.204	96	29820	21.271	ug/l	90
22) Diisopropyl ether	6.100	45	73139	19.514	ug/l #	87
23) Vinyl Acetate	6.045	43	289843	93.473	ug/l	99
24) 1,1-Dichloroethane	6.003	63	48575	20.117	ug/l	98
25) 2-Butanone	6.972	43	36108	90.707	ug/l	94
26) 2,2-Dichloropropane	6.966	77	39068	19.204	ug/l	99
27) cis-1,2-Dichloroethene	6.966	96	33941	20.044	ug/l	99
28) Bromochloromethane	7.320	49	18986	19.184	ug/l	100
29) Tetrahydrofuran	7.332	42	23320	95.461	ug/l	98
30) Chloroform	7.490	83	52823	20.073	ug/l	97
31) Cyclohexane	7.771	56	41183	20.597	ug/l	97
32) 1,1,1-Trichloroethane	7.685	97	47362	21.186	ug/l	99
36) 1,1-Dichloropropene	7.911	75	38177	21.737	ug/l	100
37) Ethyl Acetate	7.057	43	16447	19.866	ug/l #	94
38) Carbon Tetrachloride	7.893	117	41611	22.583	ug/l	96
39) Methylcyclohexane	9.179	83	51018	23.708	ug/l	91
40) Benzene	8.149	78	118764	21.865	ug/l	96

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41) Methacrylonitrile	7.301	41	8117	19.493	ug/l	96
42) 1,2-Dichloroethane	8.222	62	29726	20.977	ug/l	99
43) Isopropyl Acetate	8.264	43	30134	19.501	ug/l	95
44) Trichloroethene	8.935	130	32563	22.899	ug/l	98
45) 1,2-Dichloropropane	9.209	63	25676	20.673	ug/l	98
46) Dibromomethane	9.301	93	16391	21.269	ug/l	98
47) Bromodichloromethane	9.490	83	38750	21.068	ug/l	90
48) Methyl methacrylate	9.283	41	13465	19.355	ug/l	97
49) 1,4-Dioxane	9.289	88	3721	367.134	ug/l #	96
51) 4-Methyl-2-Pentanone	10.063	43	79163	97.256	ug/l	97
52) Toluene	10.240	92	75687	21.704	ug/l	100
53) t-1,3-Dichloropropene	10.459	75	33176	20.640	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	41172	21.226	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	22097	21.558	ug/l	94
56) Ethyl methacrylate	10.502	69	27616	20.589	ug/l	95
57) 1,3-Dichloropropane	10.782	76	35873	21.068	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	64074	98.953	ug/l	96
59) 2-Hexanone	10.825	43	55412	97.188	ug/l	97
60) Dibromochloromethane	10.983	129	28860	22.666	ug/l	96
61) 1,2-Dibromoethane	11.081	107	20215	21.340	ug/l	98
64) Tetrachloroethene	10.721	164	30431	22.870	ug/l	92
65) Chlorobenzene	11.514	112	84608	21.954	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	27240	21.092	ug/l	100
67) Ethyl Benzene	11.587	91	140740	21.047	ug/l	97
68) m/p-Xylenes	11.697	106	112754	43.333	ug/l	99
69) o-Xylene	12.026	106	52277	20.892	ug/l	98
70) Styrene	12.044	104	90016	21.776	ug/l	97
71) Bromoform	12.209	173	15612	22.030	ug/l #	92
73) Isopropylbenzene	12.325	105	137603	20.200	ug/l	99
74) N-amyl acetate	12.142	43	26283	18.842	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	24120	19.941	ug/l	97
76) 1,2,3-Trichloropropane	12.630	75	15835m	18.096	ug/l	
77) Bromobenzene	12.605	156	32681	20.745	ug/l	94
78) n-propylbenzene	12.666	91	161536	20.263	ug/l	97
79) 2-Chlorotoluene	12.751	91	91180	20.262	ug/l	98
80) 1,3,5-Trimethylbenzene	12.806	105	111504	20.653	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	7007	20.974	ug/l	91
82) 4-Chlorotoluene	12.849	91	92779	20.474	ug/l	97
83) tert-Butylbenzene	13.068	119	102331	20.480	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	110962	20.563	ug/l	99
85) sec-Butylbenzene	13.251	105	148518	20.840	ug/l	97
86) p-Isopropyltoluene	13.367	119	124107	20.542	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	63443	19.966	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	65290	20.939	ug/l	99
89) n-Butylbenzene	13.696	91	110974	20.378	ug/l	99
90) Hexachloroethane	13.959	117	23539	21.447	ug/l	94
91) 1,2-Dichlorobenzene	13.739	146	56881	20.955	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	3120	17.814	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	30241	19.997	ug/l	99
94) Hexachlorobutadiene	15.111	225	16725	21.525	ug/l	97
95) Naphthalene	15.233	128	53254	18.844	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	26753	20.938	ug/l	98

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

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