

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050124\
 Data File : VY018098.D
 Acq On : 01 May 2024 15:15
 Operator : SY/MD
 Sample : VY0501SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0501SBS01

Quant Time: May 02 05:48:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050124S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 16:21:20 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben Patel 05/02/2024
 Supervised By :Semsettin Yesilyurt 05/02/2024

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	343087	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	555013	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	477886	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	218404	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	142489	52.689	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.380%			
35) Dibromofluoromethane	7.710	113	170070	53.322	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.640%			
50) Toluene-d8	10.179	98	664033	53.329	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 106.660%			
62) 4-Bromofluorobenzene	12.477	95	217477	50.752	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 101.500%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	54720	19.981	ug/l	99
3) Chloromethane	2.107	50	70514	19.706	ug/l	97
4) Vinyl Chloride	2.247	62	75817	19.583	ug/l	99
5) Bromomethane	2.643	94	43387	18.156	ug/l	99
6) Chloroethane	2.784	64	48824	20.250	ug/l	100
7) Trichlorofluoromethane	3.119	101	100477	19.494	ug/l	96
8) Diethyl Ether	3.521	74	32117	19.407	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.887	101	60710	18.874	ug/l	94
10) Methyl Iodide	4.082	142	80955	18.989	ug/l	97
11) Tert butyl alcohol	4.960	59	25417	115.318	ug/l #	95
12) 1,1-Dichloroethene	3.863	96	62558	19.072	ug/l	96
13) Acrolein	3.722	56	30322	92.430	ug/l	99
14) Allyl chloride	4.466	41	81177	18.719	ug/l	99
15) Acrylonitrile	5.155	53	57902	93.144	ug/l	99
16) Acetone	3.942	43	44370	86.124	ug/l	94
17) Carbon Disulfide	4.180	76	186458	19.038	ug/l	100
18) Methyl Acetate	4.466	43	25302	19.176	ug/l	98
19) Methyl tert-butyl Ether	5.204	73	144232	19.163	ug/l	95
20) Methylene Chloride	4.698	84	73071	20.241	ug/l	97
21) trans-1,2-Dichloroethene	5.204	96	66262	19.003	ug/l	97
22) Diisopropyl ether	6.106	45	164951	18.468	ug/l	95
23) Vinyl Acetate	6.051	43	517607	91.371	ug/l	100
24) 1,1-Dichloroethane	6.003	63	101737	18.864	ug/l	98
25) 2-Butanone	6.978	43	71078	88.682	ug/l	99
26) 2,2-Dichloropropane	6.966	77	96829	19.197	ug/l	97
27) cis-1,2-Dichloroethene	6.978	96	80044	19.249	ug/l	94
28) Bromochloromethane	7.325	49	39752	18.239	ug/l	90
29) Tetrahydrofuran	7.344	42	48938	96.046	ug/l	95
30) Chloroform	7.496	83	106273	18.621	ug/l	99
31) Cyclohexane	7.777	56	97542	18.824	ug/l	94
32) 1,1,1-Trichloroethane	7.697	97	97464	18.710	ug/l	98
36) 1,1-Dichloropropene	7.911	75	79837	18.752	ug/l	96
37) Ethyl Acetate	7.063	43	34484	18.612	ug/l #	95
38) Carbon Tetrachloride	7.892	117	90120	18.649	ug/l	98
39) Methylcyclohexane	9.179	83	117972	18.865	ug/l	98
40) Benzene	8.155	78	257701	18.837	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	23306m	21.330	ug/l	
42) 1,2-Dichloroethane	8.234	62	57681	18.199	ug/l	95
43) Isopropyl Acetate	8.264	43	72574	18.645	ug/l	95
44) Trichloroethene	8.935	130	71875	18.526	ug/l	96
45) 1,2-Dichloropropane	9.209	63	55121	18.467	ug/l	100
46) Dibromomethane	9.301	93	33018	18.194	ug/l	92
47) Bromodichloromethane	9.490	83	82761	18.576	ug/l	96
48) Methyl methacrylate	9.289	41	31098	17.453	ug/l	96
49) 1,4-Dioxane	9.307	88	7901	392.416	ug/l #	100
51) 4-Methyl-2-Pentanone	10.069	43	175097	92.103	ug/l	96
52) Toluene	10.240	92	168702	18.632	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	76862	17.855	ug/l	93
54) cis-1,3-Dichloropropene	9.923	75	94829	18.751	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	44660	18.297	ug/l	97
56) Ethyl methacrylate	10.508	69	62390	18.079	ug/l #	89
57) 1,3-Dichloropropane	10.788	76	73007	18.722	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.776	63	152850	94.880	ug/l	95
59) 2-Hexanone	10.831	43	123838	91.268	ug/l	95
60) Dibromochloromethane	10.983	129	61852	18.657	ug/l	98
61) 1,2-Dibromoethane	11.087	107	44111	18.859	ug/l	97
64) Tetrachloroethene	10.715	164	64640	18.686	ug/l	99
65) Chlorobenzene	11.514	112	187511	18.590	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	61833	18.223	ug/l	99
67) Ethyl Benzene	11.593	91	312811	18.493	ug/l	96
68) m/p-Xylenes	11.697	106	252951	37.321	ug/l	96
69) o-Xylene	12.026	106	120836	18.558	ug/l	95
70) Styrene	12.044	104	203781	18.595	ug/l	97
71) Bromoform	12.203	173	35856	18.033	ug/l #	100
73) Isopropylbenzene	12.325	105	304857	18.546	ug/l	97
74) N-amyl acetate	12.142	43	64925	17.996	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	48232	18.440	ug/l	97
76) 1,2,3-Trichloropropane	12.629	75	32696m	17.838	ug/l	
77) Bromobenzene	12.605	156	72832	18.647	ug/l	93
78) n-propylbenzene	12.672	91	353023	18.650	ug/l	97
79) 2-Chlorotoluene	12.757	91	197629	18.383	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	243656	18.392	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	17861	17.752	ug/l	98
82) 4-Chlorotoluene	12.855	91	200202	18.174	ug/l	96
83) tert-Butylbenzene	13.074	119	229409	18.914	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	240806	18.555	ug/l	99
85) sec-Butylbenzene	13.251	105	322331	18.519	ug/l	97
86) p-Isopropyltoluene	13.367	119	274571	18.930	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	139749	18.707	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	139374	18.929	ug/l	100
89) n-Butylbenzene	13.696	91	240755	18.756	ug/l	97
90) Hexachloroethane	13.958	117	53883	18.284	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	120098	18.449	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	7383	18.712	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	67417	18.531	ug/l	98
94) Hexachlorobutadiene	15.111	225	37971	18.855	ug/l	99
95) Naphthalene	15.233	128	128452	19.175	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	57265	18.863	ug/l	99

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

