

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050624\
 Data File : VY018154.D
 Acq On : 06 May 2024 11:06
 Operator : SY/MD
 Sample : VY0506SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0506SBS01

Quant Time: May 06 23:43:39 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 05/07/2024
 Supervised By :Semsettin Yesilyurt 05/07/2024

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	255956	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	428377	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	371338	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	172513	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	99247	49.192	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.380%		
35) Dibromofluoromethane	7.716	113	115186	46.790	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.580%		
50) Toluene-d8	10.179	98	451843	47.015	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	94.040%		
62) 4-Bromofluorobenzene	12.483	95	146748	44.370	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	88.740%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	43401	21.242	ug/l	98
3) Chloromethane	2.107	50	56965	21.339	ug/l	99
4) Vinyl Chloride	2.247	62	67158	23.251	ug/l	95
5) Bromomethane	2.637	94	47423	26.600	ug/l	97
6) Chloroethane	2.784	64	43694	24.291	ug/l	100
7) Trichlorofluoromethane	3.113	101	82259	21.392	ug/l	95
8) Diethyl Ether	3.521	74	27510	22.281	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.887	101	51752	21.566	ug/l	98
10) Methyl Iodide	4.088	142	63073	19.831	ug/l	97
11) Tert butyl alcohol	4.954	59	20713	125.966	ug/l #	78
12) 1,1-Dichloroethene	3.863	96	51173	20.912	ug/l	95
13) Acrolein	3.723	56	25500	104.192	ug/l	98
14) Allyl chloride	4.466	41	67003	20.710	ug/l	98
15) Acrylonitrile	5.143	53	56985	122.875	ug/l	98
16) Acetone	3.936	43	41820	108.807	ug/l	96
17) Carbon Disulfide	4.186	76	136294	18.653	ug/l	97
18) Methyl Acetate	4.472	43	22569	22.928	ug/l	99
19) Methyl tert-butyl Ether	5.210	73	126058	22.449	ug/l	98
20) Methylene Chloride	4.704	84	56215	20.872	ug/l	99
21) trans-1,2-Dichloroethene	5.210	96	55501	21.336	ug/l	97
22) Diisopropyl ether	6.112	45	147678	22.163	ug/l	97
23) Vinyl Acetate	6.051	43	463203	109.602	ug/l	98
24) 1,1-Dichloroethane	6.009	63	89089	22.142	ug/l	98
25) 2-Butanone	6.978	43	68494	114.549	ug/l	97
26) 2,2-Dichloropropane	6.966	77	80411	21.369	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	68362	22.036	ug/l	95
28) Bromochloromethane	7.332	49	34159	21.008	ug/l	89
29) Tetrahydrofuran	7.344	42	45683	120.178	ug/l	96
30) Chloroform	7.502	83	94285	22.144	ug/l	96
31) Cyclohexane	7.777	56	78113	20.206	ug/l	97
32) 1,1,1-Trichloroethane	7.704	97	82023	21.106	ug/l	98
36) 1,1-Dichloropropene	7.911	75	66544	20.250	ug/l	96
37) Ethyl Acetate	7.063	43	32410	22.664	ug/l #	95
38) Carbon Tetrachloride	7.893	117	72606	19.467	ug/l	95
39) Methylcyclohexane	9.179	83	93474	19.367	ug/l	98
40) Benzene	8.161	78	223265	21.144	ug/l	94

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41) Methacrylonitrile	7.313	41	18605m	22.062	ug/l	
42) 1,2-Dichloroethane	8.234	62	50173	20.510	ug/l	95
43) Isopropyl Acetate	8.271	43	63735	21.214	ug/l	95
44) Trichloroethene	8.935	130	61794	20.636	ug/l	94
45) 1,2-Dichloropropane	9.209	63	49363	21.426	ug/l	97
46) Dibromomethane	9.307	93	28165	20.108	ug/l	95
47) Bromodichloromethane	9.496	83	71179	20.699	ug/l	97
48) Methyl methacrylate	9.289	41	26968	19.609	ug/l	95
49) 1,4-Dioxane	9.295	88	7592	488.537	ug/l #	93
51) 4-Methyl-2-Pentanone	10.069	43	158909	108.298	ug/l	97
52) Toluene	10.240	92	143375	20.516	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	67361	20.274	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	81973	21.001	ug/l	96
55) 1,1,2-Trichloroethane	10.642	97	40904	21.712	ug/l	95
56) Ethyl methacrylate	10.508	69	53728	20.171	ug/l #	90
57) 1,3-Dichloropropane	10.788	76	65416	21.735	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	119332	95.972	ug/l	93
59) 2-Hexanone	10.831	43	111307	106.283	ug/l	97
60) Dibromochloromethane	10.983	129	52536	20.531	ug/l	99
61) 1,2-Dibromoethane	11.087	107	37957	21.025	ug/l	100
64) Tetrachloroethene	10.721	164	52982	19.711	ug/l	99
65) Chlorobenzene	11.514	112	163603	20.874	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.593	131	53554	20.312	ug/l	98
67) Ethyl Benzene	11.593	91	269237	20.484	ug/l	96
68) m/p-Xylenes	11.703	106	215687	40.954	ug/l	97
69) o-Xylene	12.032	106	105873	20.926	ug/l	93
70) Styrene	12.044	104	175036	20.555	ug/l	98
71) Bromoform	12.209	173	30750	19.902	ug/l #	96
73) Isopropylbenzene	12.331	105	265506	20.449	ug/l	98
74) N-amyl acetate	12.142	43	57087	20.033	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.581	83	44836	21.702	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	30986m	21.402	ug/l	
77) Bromobenzene	12.611	156	63851	20.696	ug/l	93
78) n-propylbenzene	12.672	91	313137	20.944	ug/l	96
79) 2-Chlorotoluene	12.758	91	169127	19.917	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	213111	20.365	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	16122	20.286	ug/l	96
82) 4-Chlorotoluene	12.855	91	175591	20.180	ug/l	96
83) tert-Butylbenzene	13.075	119	194268	20.278	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	210176	20.503	ug/l	99
85) sec-Butylbenzene	13.251	105	288178	20.961	ug/l	97
86) p-Isopropyltoluene	13.367	119	236996	20.685	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	122064	20.686	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	120412	20.704	ug/l	99
89) n-Butylbenzene	13.696	91	217141	21.416	ug/l	98
90) Hexachloroethane	13.965	117	47448	20.384	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	108022	21.009	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6234	20.003	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	61871	21.530	ug/l	99
94) Hexachlorobutadiene	15.111	225	34065	21.415	ug/l	99
95) Naphthalene	15.239	128	110470	20.878	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	50972	21.257	ug/l	98

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

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