

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050324\
 Data File : VY018133.D
 Acq On : 03 May 2024 10:56
 Operator : SY/MD
 Sample : VY0503SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0503SBS01

Quant Time: May 06 02:53:43 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 05/06/2024
 Supervised By :Semsettin Yesilyurt 05/06/2024

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	291935	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	483767	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	415273	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	189176	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	96009	41.722	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	83.440%		
35) Dibromofluoromethane	7.710	113	113549	40.844	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery =	81.680%		
50) Toluene-d8	10.179	98	451240	41.577	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	83.160%		
62) 4-Bromofluorobenzene	12.483	95	146638	39.260	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	78.520%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	45622	19.578	ug/l	97
3) Chloromethane	2.107	50	57440	18.865	ug/l	98
4) Vinyl Chloride	2.247	62	66399	20.155	ug/l	96
5) Bromomethane	2.643	94	45324	22.290	ug/l	94
6) Chloroethane	2.784	64	42152	20.546	ug/l	95
7) Trichlorofluoromethane	3.119	101	80479	18.350	ug/l	95
8) Diethyl Ether	3.521	74	26572	18.869	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.887	101	51979	18.991	ug/l	98
10) Methyl Iodide	4.082	142	61711	17.011	ug/l	97
11) Tert butyl alcohol	4.954	59	20250	107.973	ug/l #	77
12) 1,1-Dichloroethene	3.863	96	51322	18.388	ug/l	96
13) Acrolein	3.723	56	24809	88.875	ug/l	98
14) Allyl chloride	4.466	41	64728	17.541	ug/l	99
15) Acrylonitrile	5.155	53	51232	96.855	ug/l	98
16) Acetone	3.936	43	35765	81.585	ug/l	93
17) Carbon Disulfide	4.186	76	148382	17.805	ug/l	98
18) Methyl Acetate	4.466	43	20603	18.351	ug/l	92
19) Methyl tert-butyl Ether	5.210	73	116483	18.188	ug/l	98
20) Methylene Chloride	4.704	84	55409	18.038	ug/l	96
21) trans-1,2-Dichloroethene	5.210	96	55629	18.749	ug/l	96
22) Diisopropyl ether	6.112	45	138808	18.264	ug/l	98
23) Vinyl Acetate	6.051	43	423854	87.931	ug/l	99
24) 1,1-Dichloroethane	6.009	63	84692	18.455	ug/l	98
25) 2-Butanone	6.978	43	59036	86.564	ug/l	99
26) 2,2-Dichloropropane	6.972	77	79203	18.454	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	64945	18.355	ug/l	95
28) Bromochloromethane	7.326	49	36488	19.674	ug/l	94
29) Tetrahydrofuran	7.344	42	39448	90.986	ug/l	98
30) Chloroform	7.502	83	88176	18.157	ug/l	97
31) Cyclohexane	7.777	56	82860	18.793	ug/l	94
32) 1,1,1-Trichloroethane	7.697	97	80346	18.127	ug/l	99
36) 1,1-Dichloropropene	7.911	75	66865	18.018	ug/l	97
37) Ethyl Acetate	7.063	43	28329	17.542	ug/l	96
38) Carbon Tetrachloride	7.893	117	71749	17.034	ug/l	97
39) Methylcyclohexane	9.185	83	95754	17.568	ug/l	98
40) Benzene	8.155	78	215802	18.097	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.295	41	14349	15.067	ug/l	98
42) 1,2-Dichloroethane	8.234	62	47112	17.053	ug/l	97
43) Isopropyl Acetate	8.264	43	57297	16.888	ug/l	95
44) Trichloroethene	8.935	130	59505	17.596	ug/l	99
45) 1,2-Dichloropropane	9.215	63	45983	17.674	ug/l	98
46) Dibromomethane	9.307	93	26693	16.875	ug/l	95
47) Bromodichloromethane	9.496	83	66435	17.108	ug/l	95
48) Methyl methacrylate	9.289	41	25140	16.187	ug/l	95
49) 1,4-Dioxane	9.295	88	6701	381.831	ug/l #	92
51) 4-Methyl-2-Pentanone	10.069	43	139562	84.222	ug/l	96
52) Toluene	10.240	92	136170	17.254	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	63296	16.869	ug/l	94
54) cis-1,3-Dichloropropene	9.929	75	76888	17.442	ug/l	97
55) 1,1,2-Trichloroethane	10.642	97	37272	17.519	ug/l	96
56) Ethyl methacrylate	10.508	69	49450	16.439	ug/l	91
57) 1,3-Dichloropropane	10.788	76	60214	17.716	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	125102	89.092	ug/l	93
59) 2-Hexanone	10.831	43	96063	81.224	ug/l	96
60) Dibromochloromethane	10.983	129	48188	16.676	ug/l	98
61) 1,2-Dibromoethane	11.087	107	35766	17.543	ug/l	98
64) Tetrachloroethene	10.721	164	50508	16.802	ug/l	98
65) Chlorobenzene	11.514	112	154421	17.618	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	49711	16.860	ug/l	99
67) Ethyl Benzene	11.593	91	255915	17.410	ug/l	96
68) m/p-Xylenes	11.703	106	204804	34.773	ug/l	99
69) o-Xylene	12.026	106	98001	17.321	ug/l	95
70) Styrene	12.044	104	165260	17.354	ug/l	98
71) Bromoform	12.203	173	27829	16.106	ug/l #	96
73) Isopropylbenzene	12.331	105	251974	17.697	ug/l	98
74) N-amyl acetate	12.142	43	50891	16.285	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.581	83	39914	17.618	ug/l	96
76) 1,2,3-Trichloropropane	12.629	75	27780m	17.497	ug/l	
77) Bromobenzene	12.605	156	60336	17.834	ug/l	92
78) n-propylbenzene	12.672	91	297016	18.116	ug/l	98
79) 2-Chlorotoluene	12.757	91	166595	17.891	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	201556	17.565	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	14320	16.432	ug/l	97
82) 4-Chlorotoluene	12.855	91	165613	17.357	ug/l	97
83) tert-Butylbenzene	13.074	119	189794	18.066	ug/l	96
84) 1,2,4-Trimethylbenzene	13.117	105	199685	17.763	ug/l	98
85) sec-Butylbenzene	13.251	105	271143	17.985	ug/l	97
86) p-Isopropyltoluene	13.367	119	227127	18.078	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	116164	17.952	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	113835	17.849	ug/l	99
89) n-Butylbenzene	13.696	91	207006	18.618	ug/l	98
90) Hexachloroethane	13.958	117	44978	17.621	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	100254	17.780	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	5580	16.328	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	58486	18.560	ug/l	99
94) Hexachlorobutadiene	15.111	225	33968	19.473	ug/l	98
95) Naphthalene	15.233	128	102490	17.664	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	49982	19.008	ug/l	98

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

