

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102422\
 Data File : VY011062.D
 Acq On : 24 Oct 2022 12:35
 Operator : KP/MD
 Sample : VY1024SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1024SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/25/2022
 Supervised By :Mahesh Dadoda 10/25/2022

Quant Time: Oct 25 05:28:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	256510	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	415562	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	370595	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	185081	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	107347	45.431	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	90.860%		
35) Dibromofluoromethane	7.716	113	113199	48.816	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.640%		
50) Toluene-d8	10.179	98	397378	45.797	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	91.600%		
62) 4-Bromofluorobenzene	12.477	95	148869	48.332	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	96.660%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	34866	20.492	ug/l	100
3) Chloromethane	2.113	50	48507	19.872	ug/l	92
4) Vinyl Chloride	2.247	62	56213	20.317	ug/l	99
5) Bromomethane	2.637	94	38857	20.306	ug/l	97
6) Chloroethane	2.784	64	38492	20.819	ug/l	98
7) Trichlorofluoromethane	3.119	101	87087	21.505	ug/l	94
8) Diethyl Ether	3.521	74	32456	21.477	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.893	101	56741	22.338	ug/l	93
10) Methyl Iodide	4.082	142	65281	21.003	ug/l	90
11) Tert butyl alcohol	4.948	59	33634	114.702	ug/l	99
12) 1,1-Dichloroethene	3.869	96	52331	21.506	ug/l	82
13) Acrolein	3.722	56	35175	92.343	ug/l	96
14) Allyl chloride	4.472	41	81513	21.124	ug/l #	86
15) Acrylonitrile	5.155	53	87116	110.593	ug/l	97
16) Acetone	3.942	43	73833	107.603	ug/l #	82
17) Carbon Disulfide	4.186	76	138175	19.370	ug/l	100
18) Methyl Acetate	4.472	43	49008	23.919	ug/l #	88
19) Methyl tert-butyl Ether	5.216	73	151032	22.215	ug/l	97
20) Methylene Chloride	4.704	84	86495	25.878	ug/l #	84
21) trans-1,2-Dichloroethene	5.210	96	59637	21.710	ug/l	87
22) Diisopropyl ether	6.112	45	187153	22.646	ug/l #	93
23) Vinyl Acetate	6.057	43	532382	107.728	ug/l #	93
24) 1,1-Dichloroethane	6.015	63	110816	22.209	ug/l	97
25) 2-Butanone	6.984	43	111865	107.503	ug/l #	87
26) 2,2-Dichloropropane	6.978	77	96740	21.833	ug/l	94
27) cis-1,2-Dichloroethene	6.984	96	69589	21.980	ug/l	89
28) Bromochloromethane	7.325	49	21095	14.611	ug/l	88
29) Tetrahydrofuran	7.344	42	70391	109.949	ug/l #	86
30) Chloroform	7.502	83	114004	22.666	ug/l	97
31) Cyclohexane	7.783	56	92588	20.477	ug/l	92
32) 1,1,1-Trichloroethane	7.697	97	97448	22.041	ug/l	96
36) 1,1-Dichloropropene	7.911	75	82951	21.443	ug/l	98
37) Ethyl Acetate	7.069	43	48131	22.472	ug/l #	93
38) Carbon Tetrachloride	7.899	117	88190	22.084	ug/l	99
39) Methylcyclohexane	9.179	83	96568	20.841	ug/l	90
40) Benzene	8.155	78	249420	21.974	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	22575	19.450	ug/l #	47
42) 1,2-Dichloroethane	8.234	62	69134	21.982	ug/l	90
43) Isopropyl Acetate	8.270	43	83356	21.783	ug/l #	88
44) Trichloroethene	8.935	130	68017	22.112	ug/l	99
45) 1,2-Dichloropropane	9.209	63	64639	22.445	ug/l	95
46) Dibromomethane	9.301	93	34975	21.774	ug/l	98
47) Bromodichloromethane	9.496	83	86464	22.337	ug/l	99
48) Methyl methacrylate	9.289	41	37256	21.754	ug/l #	78
49) 1,4-Dioxane	9.295	88	10644	461.207	ug/l #	85
51) 4-Methyl-2-Pentanone	10.069	43	239116	112.044	ug/l	88
52) Toluene	10.240	92	158916	22.536	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	89213	22.185	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	102636	22.304	ug/l #	83
55) 1,1,2-Trichloroethane	10.642	97	52950	22.850	ug/l	98
56) Ethyl methacrylate	10.508	69	68157	22.146	ug/l #	76
57) 1,3-Dichloropropane	10.788	76	89041	22.349	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	119201	89.930	ug/l	97
59) 2-Hexanone	10.831	43	165042	112.583	ug/l	84
60) Dibromochloromethane	10.983	129	61420	22.291	ug/l	99
61) 1,2-Dibromoethane	11.087	107	49064	22.110	ug/l	100
64) Tetrachloroethene	10.715	164	64783	22.456	ug/l	96
65) Chlorobenzene	11.514	112	170630	22.426	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	63098	22.406	ug/l	96
67) Ethyl Benzene	11.587	91	300408	22.318	ug/l	100
68) m/p-Xylenes	11.697	106	230926	44.598	ug/l	95
69) o-Xylene	12.026	106	110063	22.385	ug/l	94
70) Styrene	12.038	104	187467	22.502	ug/l	95
71) Bromoform	12.203	173	39640	22.808	ug/l #	99
73) Isopropylbenzene	12.325	105	295320	21.963	ug/l	100
74) N-amyl acetate	12.142	43	71906	21.077	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.581	83	62378	22.104	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	51640m	24.576	ug/l	
77) Bromobenzene	12.605	156	68712	21.861	ug/l	98
78) n-propylbenzene	12.666	91	360289	22.022	ug/l	99
79) 2-Chlorotoluene	12.751	91	203195	22.054	ug/l	98
80) 1,3,5-Trimethylbenzene	12.806	105	251090	22.380	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	21084	21.580	ug/l	85
82) 4-Chlorotoluene	12.849	91	208217	21.705	ug/l	99
83) tert-Butylbenzene	13.068	119	216476	22.313	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	249529	22.555	ug/l	98
85) sec-Butylbenzene	13.251	105	324057	22.228	ug/l	100
86) p-Isopropyltoluene	13.367	119	268855	22.230	ug/l	97
87) 1,3-Dichlorobenzene	13.361	146	136857	21.817	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	136580	21.898	ug/l	98
89) n-Butylbenzene	13.690	91	251783	22.279	ug/l	100
90) Hexachloroethane	13.958	117	52965	22.191	ug/l	90
91) 1,2-Dichlorobenzene	13.733	146	125329	22.331	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.349	75	10118	21.685	ug/l	82
93) 1,2,4-Trichlorobenzene	15.001	180	74302	22.152	ug/l	99
94) Hexachlorobutadiene	15.111	225	45192	22.889	ug/l	99
95) Naphthalene	15.233	128	148378	21.721	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	65624	22.426	ug/l	99

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

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