

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102122\
 Data File : VY011041.D
 Acq On : 21 Oct 2022 11:41
 Operator : KP/MD
 Sample : VY1021SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1021SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/24/2022
 Supervised By :Mahesh Dadoda 10/24/2022

Quant Time: Oct 22 01:21:33 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	7.789	168	291397	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	468850	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	415166	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	204384	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	118929	44.307	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	88.620%		
35) Dibromofluoromethane	7.716	113	123798	47.250	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.500%		
50) Toluene-d8	10.179	98	432693	44.199	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	88.400%		
62) 4-Bromofluorobenzene	12.477	95	162055	46.518	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	93.040%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	35905	18.576	ug/l	99
3) Chloromethane	2.113	50	52141	18.803	ug/l	95
4) Vinyl Chloride	2.253	62	62879	20.006	ug/l	97
5) Bromomethane	2.637	94	45432	20.899	ug/l	100
6) Chloroethane	2.790	64	44132	21.012	ug/l	100
7) Trichlorofluoromethane	3.119	101	96033	20.875	ug/l	95
8) Diethyl Ether	3.527	74	36008	20.975	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.893	101	59428	20.595	ug/l	95
10) Methyl Iodide	4.088	142	71912	20.366	ug/l	91
11) Tert butyl alcohol	4.948	59	47801	149.465	ug/l	97
12) 1,1-Dichloroethene	3.869	96	57139	20.671	ug/l	85
13) Acrolein	3.729	56	43664	100.905	ug/l	98
14) Allyl chloride	4.479	41	88885	20.277	ug/l #	89
15) Acrylonitrile	5.167	53	94571	105.683	ug/l	97
16) Acetone	3.948	43	79865	102.459	ug/l #	87
17) Carbon Disulfide	4.192	76	147047	18.145	ug/l	98
18) Methyl Acetate	4.472	43	52396	22.335	ug/l #	87
19) Methyl tert-butyl Ether	5.222	73	167686	21.712	ug/l	96
20) Methylene Chloride	4.716	84	83074	20.761	ug/l #	81
21) trans-1,2-Dichloroethene	5.222	96	62966	20.177	ug/l	86
22) Diisopropyl ether	6.119	45	199906	21.293	ug/l #	91
23) Vinyl Acetate	6.058	43	588595	104.843	ug/l #	93
24) 1,1-Dichloroethane	6.015	63	117926	20.804	ug/l	99
25) 2-Butanone	6.984	43	125662	106.304	ug/l #	88
26) 2,2-Dichloropropane	6.984	77	107029	21.263	ug/l	95
27) cis-1,2-Dichloroethene	6.984	96	75995	21.130	ug/l	89
28) Bromochloromethane	7.332	49	26350	15.715	ug/l	84
29) Tetrahydrofuran	7.350	42	77551	106.631	ug/l #	85
30) Chloroform	7.502	83	121272	21.224	ug/l	99
31) Cyclohexane	7.783	56	101477	19.756	ug/l	87
32) 1,1,1-Trichloroethane	7.704	97	105751	21.055	ug/l	96
36) 1,1-Dichloropropene	7.917	75	90729	20.788	ug/l	98
37) Ethyl Acetate	7.076	43	51703	21.396	ug/l #	93
38) Carbon Tetrachloride	7.905	117	94924	21.069	ug/l	100
39) Methylcyclohexane	9.185	83	106910	20.451	ug/l	91
40) Benzene	8.161	78	266720	20.827	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	25737m	19.654	ug/l	
42) 1,2-Dichloroethane	8.234	62	76378	21.525	ug/l	91
43) Isopropyl Acetate	8.271	43	92960	21.531	ug/l #	89
44) Trichloroethene	8.941	130	73292	21.119	ug/l	100
45) 1,2-Dichloropropane	9.216	63	68257	21.007	ug/l	98
46) Dibromomethane	9.307	93	38899	21.465	ug/l	95
47) Bromodichloromethane	9.496	83	93932	21.509	ug/l	96
48) Methyl methacrylate	9.295	41	42072	21.774	ug/l #	81
49) 1,4-Dioxane	9.295	88	11569	444.313	ug/l #	84
51) 4-Methyl-2-Pentanone	10.069	43	259890	107.938	ug/l #	88
52) Toluene	10.246	92	168761	21.212	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	95942	21.147	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	110949	21.370	ug/l #	84
55) 1,1,2-Trichloroethane	10.642	97	55104	21.077	ug/l	98
56) Ethyl methacrylate	10.508	69	75076	21.621	ug/l #	77
57) 1,3-Dichloropropane	10.788	76	96486	21.465	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	124932	84.746	ug/l	96
59) 2-Hexanone	10.831	43	179203	108.350	ug/l	85
60) Dibromochloromethane	10.983	129	67422	21.688	ug/l	99
61) 1,2-Dibromoethane	11.087	107	53524	21.379	ug/l	98
64) Tetrachloroethene	10.721	164	69293	21.441	ug/l	98
65) Chlorobenzene	11.514	112	182958	21.465	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	68163	21.606	ug/l	98
67) Ethyl Benzene	11.593	91	323444	21.450	ug/l	98
68) m/p-Xylenes	11.703	106	250381	43.164	ug/l	94
69) o-Xylene	12.026	106	119211	21.643	ug/l	94
70) Styrene	12.044	104	200747	21.509	ug/l	96
71) Bromoform	12.209	173	42426	21.790	ug/l #	98
73) Isopropylbenzene	12.331	105	320231	21.566	ug/l	100
74) N-amyl acetate	12.142	43	79413	21.079	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.581	83	66133	21.222	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	50113m	21.597	ug/l	
77) Bromobenzene	12.611	156	73433	21.157	ug/l	99
78) n-propylbenzene	12.672	91	386983	21.420	ug/l	99
79) 2-Chlorotoluene	12.758	91	214847	21.116	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	270194	21.808	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	23650	21.920	ug/l #	84
82) 4-Chlorotoluene	12.855	91	223643	21.111	ug/l	99
83) tert-Butylbenzene	13.075	119	231824	21.638	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	265795	21.756	ug/l	98
85) sec-Butylbenzene	13.251	105	346069	21.496	ug/l	100
86) p-Isopropyltoluene	13.367	119	287595	21.534	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	146475	21.145	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	145972	21.194	ug/l	98
89) n-Butylbenzene	13.696	91	266563	21.359	ug/l	99
90) Hexachloroethane	13.959	117	55887	21.204	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	132337	21.353	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	10987	21.324	ug/l	84
93) 1,2,4-Trichlorobenzene	15.007	180	78794	21.272	ug/l	98
94) Hexachlorobutadiene	15.111	225	47044	21.577	ug/l	99
95) Naphthalene	15.233	128	164143	21.760	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	68076	21.067	ug/l	98

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

