

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110722\
 Data File : VY011325.D
 Acq On : 07 Nov 2022 11:03
 Operator : KP/MD
 Sample : VY1107SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1107SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/08/2022
 Supervised By :Mahesh Dadoda 11/08/2022

Quant Time: Nov 08 03:27:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 01 11:56:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	236100	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	369434	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	340195	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	179556	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	115127	45.593	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.180%		
35) Dibromofluoromethane	7.716	113	119372	50.292	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.580%		
50) Toluene-d8	10.179	98	453531	49.213	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	98.420%		
62) 4-Bromofluorobenzene	12.477	95	164344	51.368	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	102.740%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	50752	24.748	ug/l	98
3) Chloromethane	2.113	50	50941	19.458	ug/l	96
4) Vinyl Chloride	2.247	62	59379	20.304	ug/l	97
5) Bromomethane	2.637	94	40758	20.890	ug/l	97
6) Chloroethane	2.784	64	37055	19.718	ug/l	100
7) Trichlorofluoromethane	3.119	101	91088	21.083	ug/l	95
8) Diethyl Ether	3.521	74	31156	20.097	ug/l	77
9) 1,1,2-Trichlorotrifluo...	3.893	101	53806	20.714	ug/l	95
10) Methyl Iodide	4.082	142	64135	19.181	ug/l	91
11) Tert butyl alcohol	4.942	59	46778	170.305	ug/l #	86
12) 1,1-Dichloroethene	3.863	96	51199	19.936	ug/l	84
13) Acrolein	3.723	56	16027	108.364	ug/l	99
14) Allyl chloride	4.472	41	73212	18.820	ug/l #	83
15) Acrylonitrile	5.155	53	76428	98.248	ug/l	97
16) Acetone	3.942	43	64805	85.020	ug/l #	78
17) Carbon Disulfide	4.186	76	163542	19.388	ug/l	99
18) Methyl Acetate	4.472	43	40889	20.262	ug/l #	86
19) Methyl tert-butyl Ether	5.216	73	133378	19.544	ug/l	97
20) Methylene Chloride	4.710	84	102327	30.906	ug/l #	80
21) trans-1,2-Dichloroethene	5.210	96	58860	20.150	ug/l	85
22) Diisopropyl ether	6.112	45	155384	19.265	ug/l #	89
23) Vinyl Acetate	6.051	43	462166	93.881	ug/l #	89
24) 1,1-Dichloroethane	6.009	63	99189	19.637	ug/l	98
25) 2-Butanone	6.978	43	98049	91.422	ug/l #	79
26) 2,2-Dichloropropane	6.978	77	92799	20.093	ug/l	95
27) cis-1,2-Dichloroethene	6.978	96	66313	20.603	ug/l	87
28) Bromochloromethane	7.332	49	35408	18.250	ug/l #	76
29) Tetrahydrofuran	7.344	42	59124	94.695	ug/l #	80
30) Chloroform	7.502	83	103136	20.217	ug/l	100
31) Cyclohexane	7.777	56	88334	18.874	ug/l	87
32) 1,1,1-Trichloroethane	7.697	97	92804	20.510	ug/l	95
36) 1,1-Dichloropropene	7.917	75	80606	20.795	ug/l	97
37) Ethyl Acetate	7.070	43	43127	20.639	ug/l #	92
38) Carbon Tetrachloride	7.899	117	86711	21.562	ug/l	95
39) Methylcyclohexane	9.179	83	99068	21.008	ug/l	89
40) Benzene	8.155	78	238039	20.895	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	22761m	20.047	ug/l	
42) 1,2-Dichloroethane	8.234	62	64055	20.706	ug/l	88
43) Isopropyl Acetate	8.271	43	71625	19.456	ug/l #	85
44) Trichloroethene	8.935	130	64816	21.260	ug/l	97
45) 1,2-Dichloropropane	9.216	63	58383	20.729	ug/l	97
46) Dibromomethane	9.301	93	32820	20.624	ug/l	97
47) Bromodichloromethane	9.496	83	78662	20.853	ug/l #	97
48) Methyl methacrylate	9.289	41	32940	19.480	ug/l #	75
49) 1,4-Dioxane	9.295	88	9507	444.086	ug/l #	86
51) 4-Methyl-2-Pentanone	10.069	43	198004	98.916	ug/l #	85
52) Toluene	10.240	92	151081	21.388	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	81776	20.584	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	93818	20.638	ug/l #	81
55) 1,1,2-Trichloroethane	10.642	97	48064	21.074	ug/l	97
56) Ethyl methacrylate	10.508	69	61489	20.411	ug/l #	72
57) 1,3-Dichloropropane	10.788	76	81156	20.789	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	150021	106.223	ug/l	94
59) 2-Hexanone	10.831	43	140615	98.395	ug/l	82
60) Dibromochloromethane	10.983	129	58349	21.533	ug/l	100
61) 1,2-Dibromoethane	11.087	107	46422	21.440	ug/l	100
64) Tetrachloroethene	10.715	164	65203	22.564	ug/l	96
65) Chlorobenzene	11.514	112	160673	21.408	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	60462	21.878	ug/l	98
67) Ethyl Benzene	11.593	91	281576	21.149	ug/l	98
68) m/p-Xylenes	11.697	106	224428	43.426	ug/l	94
69) o-Xylene	12.026	106	104485	21.568	ug/l	92
70) Styrene	12.038	104	176776	21.525	ug/l	95
71) Bromoform	12.203	173	38933	22.666	ug/l #	97
73) Isopropylbenzene	12.325	105	274812	20.471	ug/l	99
74) N-amyl acetate	12.142	43	63189	18.751	ug/l #	80
75) 1,1,2,2-Tetrachloroethane	12.581	83	55487	19.974	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	48163m	22.033	ug/l	
77) Bromobenzene	12.605	156	66588	21.087	ug/l	95
78) n-propylbenzene	12.666	91	337508	20.546	ug/l	98
79) 2-Chlorotoluene	12.751	91	192325	20.433	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	236854	20.850	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	19833	19.417	ug/l #	82
82) 4-Chlorotoluene	12.849	91	199259	20.543	ug/l	98
83) tert-Butylbenzene	13.075	119	205270	20.971	ug/l	92
84) 1,2,4-Trimethylbenzene	13.117	105	236326	21.034	ug/l	99
85) sec-Butylbenzene	13.251	105	305432	21.046	ug/l	99
86) p-Isopropyltoluene	13.367	119	254114	21.007	ug/l	97
87) 1,3-Dichlorobenzene	13.361	146	134787	21.287	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	134577	21.191	ug/l	98
89) n-Butylbenzene	13.696	91	233454	20.667	ug/l	99
90) Hexachloroethane	13.959	117	49761	20.569	ug/l	93
91) 1,2-Dichlorobenzene	13.733	146	119314	21.095	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	9505	19.973	ug/l	82
93) 1,2,4-Trichlorobenzene	15.001	180	70368	20.585	ug/l	98
94) Hexachlorobutadiene	15.111	225	44027	22.119	ug/l	97
95) Naphthalene	15.233	128	137693	19.828	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	61381	20.432	ug/l	98

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

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