

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102822\
 Data File : VY011156.D
 Acq On : 28 Oct 2022 14:40
 Operator : KP/MD
 Sample : VY1028SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1028SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/01/2022
 Supervised By :Mahesh Dadoda 11/01/2022

Quant Time: Oct 28 23:45:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 28 23:42:14 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.789	168	282034	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	463604	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	416440	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	199411	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	143402	49.173	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.340%		
35) Dibromofluoromethane	7.716	113	139782	49.029	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.060%		
50) Toluene-d8	10.179	98	560851	49.656	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	99.320%		
62) 4-Bromofluorobenzene	12.477	95	186252	50.397	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	100.800%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	30350	20.078	ug/l	99
3) Chloromethane	2.113	50	41474	20.616	ug/l	100
4) Vinyl Chloride	2.247	62	48269	20.125	ug/l	99
5) Bromomethane	2.637	94	34054	20.907	ug/l	95
6) Chloroethane	2.784	64	32386	19.349	ug/l	99
7) Trichlorofluoromethane	3.119	101	77773	19.510	ug/l	93
8) Diethyl Ether	3.527	74	28903	20.127	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.893	101	49833	19.795	ug/l	94
10) Methyl Iodide	4.088	142	54104	19.617	ug/l	91
11) Tert butyl alcohol	4.948	59	34929	121.596	ug/l	99
12) 1,1-Dichloroethene	3.869	96	45822	20.225	ug/l	86
13) Acrolein	3.723	56	23802	124.246	ug/l	99
14) Allyl chloride	4.472	41	72381	20.575	ug/l #	86
15) Acrylonitrile	5.155	53	79925	100.862	ug/l	97
16) Acetone	3.942	43	67452	94.532	ug/l #	83
17) Carbon Disulfide	4.192	76	117489	20.868	ug/l	100
18) Methyl Acetate	4.472	43	46127	23.229	ug/l #	89
19) Methyl tert-butyl Ether	5.216	73	135044	20.193	ug/l	100
20) Methylene Chloride	4.710	84	73781	21.156	ug/l #	84
21) trans-1,2-Dichloroethene	5.216	96	51917	19.986	ug/l	88
22) Diisopropyl ether	6.112	45	165046	20.407	ug/l #	94
23) Vinyl Acetate	6.058	43	470207	102.261	ug/l #	93
24) 1,1-Dichloroethane	6.015	63	99622	19.936	ug/l	99
25) 2-Butanone	6.984	43	104301	101.975	ug/l #	83
26) 2,2-Dichloropropane	6.978	77	90899	20.354	ug/l	97
27) cis-1,2-Dichloroethene	6.978	96	62640	19.904	ug/l	89
28) Bromochloromethane	7.332	49	44049	19.306	ug/l	86
29) Tetrahydrofuran	7.344	42	63994	105.011	ug/l #	85
30) Chloroform	7.502	83	103262	19.684	ug/l	97
31) Cyclohexane	7.783	56	81681	20.452	ug/l #	89
32) 1,1,1-Trichloroethane	7.697	97	88513	19.830	ug/l	96
36) 1,1-Dichloropropene	7.917	75	72845	19.599	ug/l	96
37) Ethyl Acetate	7.070	43	44205	21.021	ug/l #	94
38) Carbon Tetrachloride	7.899	117	79318	19.592	ug/l	99
39) Methylcyclohexane	9.179	83	84278	20.322	ug/l	92
40) Benzene	8.155	78	223373	20.074	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	19505m	17.748	ug/l	
42) 1,2-Dichloroethane	8.234	62	62123	19.622	ug/l	91
43) Isopropyl Acetate	8.271	43	76173	20.314	ug/l #	87
44) Trichloroethene	8.935	130	60139	20.109	ug/l	98
45) 1,2-Dichloropropane	9.215	63	58212	19.874	ug/l	98
46) Dibromomethane	9.307	93	31901	19.483	ug/l	96
47) Bromodichloromethane	9.496	83	77959	19.267	ug/l	99
48) Methyl methacrylate	9.289	41	33196	19.862	ug/l #	76
49) 1,4-Dioxane	9.295	88	9206	407.358	ug/l #	88
51) 4-Methyl-2-Pentanone	10.069	43	217637	102.941	ug/l #	88
52) Toluene	10.240	92	140511	20.173	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	79900	19.695	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	90825	19.751	ug/l #	79
55) 1,1,2-Trichloroethane	10.642	97	47997	19.694	ug/l	98
56) Ethyl methacrylate	10.508	69	60307	19.663	ug/l #	76
57) 1,3-Dichloropropane	10.788	76	80756	19.851	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	99234	84.893	ug/l	96
59) 2-Hexanone	10.831	43	149048	102.151	ug/l	85
60) Dibromochloromethane	10.983	129	56539	19.620	ug/l	100
61) 1,2-Dibromoethane	11.087	107	44426	20.082	ug/l	99
64) Tetrachloroethene	10.715	164	57395	19.975	ug/l	97
65) Chlorobenzene	11.514	112	151774	19.793	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	57227	19.234	ug/l	97
67) Ethyl Benzene	11.593	91	266614	19.903	ug/l	100
68) m/p-Xylenes	11.703	106	207135	40.571	ug/l	95
69) o-Xylene	12.026	106	97473	20.017	ug/l	94
70) Styrene	12.044	104	168565	20.256	ug/l	95
71) Bromoform	12.203	173	36413	19.973	ug/l #	96
73) Isopropylbenzene	12.325	105	263217	20.217	ug/l	99
74) N-amyl acetate	12.142	43	64966	20.327	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.581	83	56717	19.967	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	41044m	19.797	ug/l	
77) Bromobenzene	12.605	156	60745	19.837	ug/l	99
78) n-propylbenzene	12.672	91	322440	20.365	ug/l	99
79) 2-Chlorotoluene	12.751	91	181200	20.009	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	224060	20.425	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.373	75	19613	20.090	ug/l #	82
82) 4-Chlorotoluene	12.849	91	188145	20.028	ug/l	99
83) tert-Butylbenzene	13.075	119	192797	20.134	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	221985	20.558	ug/l	99
85) sec-Butylbenzene	13.251	105	288802	20.170	ug/l	99
86) p-Isopropyltoluene	13.367	119	237311	20.175	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	123323	19.838	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	122456	19.690	ug/l	98
89) n-Butylbenzene	13.696	91	220534	20.072	ug/l	99
90) Hexachloroethane	13.959	117	48334	19.670	ug/l	87
91) 1,2-Dichlorobenzene	13.739	146	110579	19.774	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	9098	19.896	ug/l	81
93) 1,2,4-Trichlorobenzene	15.001	180	62706	19.594	ug/l	99
94) Hexachlorobutadiene	15.111	225	37926	19.623	ug/l	98
95) Naphthalene	15.233	128	126910	20.529	ug/l	97
96) 1,2,3-Trichlorobenzene	15.422	180	55175	19.805	ug/l	99

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

