

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110122\
 Data File : VY011222.D
 Acq On : 01 Nov 2022 15:19
 Operator : KP/MD
 Sample : VY1101SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1101SBS01

Quant Time: Nov 02 01:41:52 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

Manual Integrations APPROVED

Reviewed By :Krupa Patel 11/02/2022
 Supervised By :Mahesh Dadoda 11/02/2022

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	236237	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	380443	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	351583	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	177002	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	124581	49.308	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.620%		
35) Dibromofluoromethane	7.716	113	123721	50.615	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	101.240%		
50) Toluene-d8	10.179	98	471735	49.707	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	99.420%		
62) 4-Bromofluorobenzene	12.477	95	167198	50.748	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	101.500%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	49959	24.260	ug/l	99
3) Chloromethane	2.113	50	54291	20.725	ug/l	96
4) Vinyl Chloride	2.247	62	59164	20.219	ug/l	94
5) Bromomethane	2.637	94	40820	20.910	ug/l	99
6) Chloroethane	2.784	64	38487	20.469	ug/l	98
7) Trichlorofluoromethane	3.119	101	88847	20.552	ug/l	97
8) Diethyl Ether	3.528	74	30875	19.904	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.887	101	51632	19.866	ug/l	94
10) Methyl Iodide	4.082	142	57898	17.306	ug/l	91
11) Tert butyl alcohol	4.936	59	42328	149.200	ug/l	96
12) 1,1-Dichloroethene	3.863	96	50917	19.815	ug/l	85
13) Acrolein	3.723	56	19288	134.360	ug/l	92
14) Allyl chloride	4.472	41	76956	19.771	ug/l #	85
15) Acrylonitrile	5.155	53	80421	103.321	ug/l	96
16) Acetone	3.942	43	68551	89.882	ug/l #	86
17) Carbon Disulfide	4.186	76	168858	20.007	ug/l	99
18) Methyl Acetate	4.466	43	43375	21.482	ug/l #	88
19) Methyl tert-butyl Ether	5.216	73	135736	19.878	ug/l	99
20) Methylene Chloride	4.710	84	75686	21.388	ug/l #	85
21) trans-1,2-Dichloroethene	5.210	96	58177	19.905	ug/l	87
22) Diisopropyl ether	6.112	45	164519	20.386	ug/l	94
23) Vinyl Acetate	6.051	43	496515	100.800	ug/l #	94
24) 1,1-Dichloroethane	6.015	63	100209	19.828	ug/l	98
25) 2-Butanone	6.978	43	106283	99.042	ug/l #	88
26) 2,2-Dichloropropane	6.972	77	87568	18.949	ug/l	94
27) cis-1,2-Dichloroethene	6.978	96	64019	19.879	ug/l	88
28) Bromochloromethane	7.332	49	38372	19.766	ug/l	86
29) Tetrahydrofuran	7.344	42	65896	105.480	ug/l #	85
30) Chloroform	7.502	83	101654	19.915	ug/l	100
31) Cyclohexane	7.777	56	91399	19.517	ug/l	90
32) 1,1,1-Trichloroethane	7.698	97	90075	19.896	ug/l	96
36) 1,1-Dichloropropene	7.911	75	79573	19.934	ug/l	97
37) Ethyl Acetate	7.070	43	44879	20.856	ug/l #	93
38) Carbon Tetrachloride	7.899	117	82241	19.859	ug/l	97
39) Methylcyclohexane	9.179	83	96516	19.875	ug/l	94
40) Benzene	8.155	78	235897	20.108	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	24574m	21.017	ug/l	
42) 1,2-Dichloroethane	8.234	62	64707	20.312	ug/l	91
43) Isopropyl Acetate	8.271	43	76512	20.182	ug/l #	86
44) Trichloroethene	8.935	130	62616	19.944	ug/l	98
45) 1,2-Dichloropropane	9.216	63	58908	20.311	ug/l	97
46) Dibromomethane	9.301	93	33476	20.428	ug/l	96
47) Bromodichloromethane	9.496	83	77775	20.021	ug/l	99
48) Methyl methacrylate	9.289	41	35061	20.134	ug/l #	78
49) 1,4-Dioxane	9.295	88	9931	450.468	ug/l #	84
51) 4-Methyl-2-Pentanone	10.069	43	214745	104.175	ug/l #	87
52) Toluene	10.240	92	147353	20.257	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	81486	19.918	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	94442	20.174	ug/l #	82
55) 1,1,2-Trichloroethane	10.642	97	47947	20.415	ug/l	98
56) Ethyl methacrylate	10.508	69	63134	20.350	ug/l #	73
57) 1,3-Dichloropropane	10.788	76	81866	20.364	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.776	63	157805	108.501	ug/l	97
59) 2-Hexanone	10.831	43	149792	101.783	ug/l	84
60) Dibromochloromethane	10.983	129	56355	20.195	ug/l	100
61) 1,2-Dibromoethane	11.087	107	45679	20.486	ug/l	100
64) Tetrachloroethene	10.715	164	60151	20.141	ug/l	99
65) Chlorobenzene	11.514	112	156366	20.159	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	56874	19.913	ug/l	97
67) Ethyl Benzene	11.587	91	274312	19.937	ug/l	100
68) m/p-Xylenes	11.703	106	214417	40.145	ug/l	96
69) o-Xylene	12.026	106	99700	19.914	ug/l	94
70) Styrene	12.044	104	169553	19.977	ug/l	96
71) Bromoform	12.203	173	36355	20.480	ug/l #	100
73) Isopropylbenzene	12.325	105	264743	20.005	ug/l	99
74) N-amyl acetate	12.142	43	65974	19.860	ug/l #	82
75) 1,1,2,2-Tetrachloroethane	12.581	83	56322	20.567	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	39968m	18.548	ug/l	
77) Bromobenzene	12.605	156	62441	20.059	ug/l	99
78) n-propylbenzene	12.666	91	325352	20.091	ug/l	99
79) 2-Chlorotoluene	12.751	91	183490	19.776	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	224253	20.025	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	20018	19.881	ug/l #	84
82) 4-Chlorotoluene	12.849	91	192941	20.179	ug/l	100
83) tert-Butylbenzene	13.075	119	192376	19.937	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	224759	20.293	ug/l	100
85) sec-Butylbenzene	13.251	105	287318	20.083	ug/l	99
86) p-Isopropyltoluene	13.367	119	241154	20.223	ug/l	97
87) 1,3-Dichlorobenzene	13.361	146	125300	20.074	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	125168	19.994	ug/l	98
89) n-Butylbenzene	13.696	91	221090	19.855	ug/l	99
90) Hexachloroethane	13.959	117	46935	19.681	ug/l	90
91) 1,2-Dichlorobenzene	13.733	146	112369	20.154	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	9467	20.180	ug/l	85
93) 1,2,4-Trichlorobenzene	15.001	180	64364	19.100	ug/l	99
94) Hexachlorobutadiene	15.111	225	38111	19.423	ug/l	99
95) Naphthalene	15.233	128	131261	19.305	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	56887	19.209	ug/l	99

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

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