

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091522\
 Data File : VY010502.D
 Acq On : 15 Sep 2022 11:46
 Operator : KP/MD
 Sample : VY0915SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0915SBS01

Quant Time: Sep 15 12:08:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 09 17:08:30 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/16/2022
 Supervised By :Mahesh Dadoda 09/16/2022

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	228697	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	358693	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	327002	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	171449	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	110479	47.964	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.920%		
35) Dibromofluoromethane	7.716	113	109134	42.840	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	85.680%		
50) Toluene-d8	10.179	98	397049	48.091	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	96.180%		
62) 4-Bromofluorobenzene	12.477	95	142931	42.788	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	85.580%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	40791	23.594	ug/l	99
3) Chloromethane	2.107	50	55423	21.570	ug/l	97
4) Vinyl Chloride	2.247	62	67996	21.451	ug/l	99
5) Bromomethane	2.638	94	49251	22.177	ug/l	98
6) Chloroethane	2.784	64	46558	21.959	ug/l	96
7) Trichlorofluoromethane	3.119	101	87440	21.776	ug/l	95
8) Diethyl Ether	3.522	74	27864	21.427	ug/l	79
9) 1,1,2-Trichlorotrifluo...	3.887	101	50506	21.483	ug/l	95
10) Methyl Iodide	4.082	142	57028	19.603	ug/l	91
11) Tert butyl alcohol	4.936	59	33615	117.788	ug/l	98
12) 1,1-Dichloroethene	3.863	96	46457	21.064	ug/l	84
13) Acrolein	3.723	56	17709	80.590	ug/l	96
14) Allyl chloride	4.473	41	66620	20.976	ug/l #	94
15) Acrylonitrile	5.155	53	69168	109.873	ug/l	98
16) Acetone	3.942	43	63370	119.883	ug/l	90
17) Carbon Disulfide	4.186	76	127265	21.338	ug/l	98
18) Methyl Acetate	4.473	43	37674	23.167	ug/l #	88
19) Methyl tert-butyl Ether	5.216	73	127393	20.916	ug/l	96
20) Methylene Chloride	4.710	84	73524	25.335	ug/l #	80
21) trans-1,2-Dichloroethene	5.210	96	52576	20.995	ug/l	86
22) Diisopropyl ether	6.113	45	149185	21.041	ug/l #	95
23) Vinyl Acetate	6.052	43	445650	102.564	ug/l #	92
24) 1,1-Dichloroethane	6.009	63	92238	21.488	ug/l	98
25) 2-Butanone	6.978	43	93767	111.620	ug/l #	88
26) 2,2-Dichloropropane	6.978	77	88854	21.693	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	60619	20.825	ug/l	90
28) Bromochloromethane	7.326	49	23392	16.997	ug/l #	81
29) Tetrahydrofuran	7.344	42	56621	107.995	ug/l #	82
30) Chloroform	7.503	83	98436	21.619	ug/l	99
31) Cyclohexane	7.777	56	81374	20.912	ug/l	88
32) 1,1,1-Trichloroethane	7.698	97	88369	21.434	ug/l	96
36) 1,1-Dichloropropene	7.911	75	72695	20.845	ug/l	97
37) Ethyl Acetate	7.070	43	38964	21.253	ug/l #	93
38) Carbon Tetrachloride	7.899	117	80405	20.723	ug/l	99
39) Methylcyclohexane	9.179	83	88454	20.341	ug/l	89
40) Benzene	8.155	78	209519	20.870	ug/l	98

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41) Methacrylonitrile	7.320	41	21480m	20.494	ug/l	
42) 1,2-Dichloroethane	8.234	62	63020	21.109	ug/l	92
43) Isopropyl Acetate	8.271	43	69106	20.597	ug/l #	89
44) Trichloroethene	8.935	130	61276	20.735	ug/l	98
45) 1,2-Dichloropropane	9.216	63	51350	20.972	ug/l	96
46) Dibromomethane	9.301	93	31144	21.093	ug/l	98
47) Bromodichloromethane	9.496	83	73983	21.095	ug/l	99
48) Methyl methacrylate	9.289	41	31240	20.732	ug/l #	83
49) 1,4-Dioxane	9.295	88	7990	408.786	ug/l	85
51) 4-Methyl-2-Pentanone	10.069	43	194342	105.601	ug/l	89
52) Toluene	10.240	92	138920	21.146	ug/l	93
53) t-1,3-Dichloropropene	10.465	75	73924	20.482	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	84431	20.740	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	43885	20.894	ug/l	97
56) Ethyl methacrylate	10.508	69	56109	20.341	ug/l #	80
57) 1,3-Dichloropropane	10.789	76	73770	21.123	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.783	63	116546	141.094	ug/l	94
59) 2-Hexanone	10.831	43	135265	107.826	ug/l	87
60) Dibromochloromethane	10.984	129	53662	20.907	ug/l	98
61) 1,2-Dibromoethane	11.087	107	42514	20.851	ug/l	100
64) Tetrachloroethene	10.715	164	59050	20.035	ug/l	97
65) Chlorobenzene	11.514	112	146863	20.083	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	55073	20.334	ug/l	98
67) Ethyl Benzene	11.593	91	259573	20.055	ug/l	99
68) m/p-Xylenes	11.703	106	205802	40.503	ug/l	92
69) o-Xylene	12.026	106	96453	19.880	ug/l	93
70) Styrene	12.044	104	163436	19.903	ug/l	95
71) Bromoform	12.203	173	34028	20.095	ug/l #	99
73) Isopropylbenzene	12.331	105	257281	19.233	ug/l	100
74) N-amyl acetate	12.142	43	59419	19.037	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.581	83	51820	20.708	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	37680m	19.913	ug/l	
77) Bromobenzene	12.605	156	60986	19.240	ug/l	93
78) n-propylbenzene	12.672	91	310775	19.619	ug/l	99
79) 2-Chlorotoluene	12.758	91	174829	19.648	ug/l	98
80) 1,3,5-Trimethylbenzene	12.813	105	222740	19.734	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	16403	19.247	ug/l	93
82) 4-Chlorotoluene	12.855	91	180626	19.513	ug/l	98
83) tert-Butylbenzene	13.075	119	192807	19.544	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	219864	19.909	ug/l	98
85) sec-Butylbenzene	13.251	105	285290	19.530	ug/l	100
86) p-Isopropyltoluene	13.367	119	238630	19.312	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	121103	19.026	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	121817	19.327	ug/l	98
89) n-Butylbenzene	13.697	91	218603	19.490	ug/l	99
90) Hexachloroethane	13.959	117	44519	19.190	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	108459	19.238	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	8480	20.077	ug/l	83
93) 1,2,4-Trichlorobenzene	15.007	180	65773	18.785	ug/l	98
94) Hexachlorobutadiene	15.111	225	39776	18.827	ug/l	98
95) Naphthalene	15.233	128	129637	18.771	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	57218	18.720	ug/l	99

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

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