

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121322\
 Data File : VY011811.D
 Acq On : 13 Dec 2022 22:58
 Operator : KP/MD
 Sample : VY1213SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1213SBS02

Quant Time: Dec 13 23:20:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 10 04:19:59 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 12/14/2022
 Supervised By :Mahesh Dadoda 12/14/2022

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	208151	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	339745	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	306560	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	153348	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	73426	51.874	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.740%			
35) Dibromofluoromethane	7.716	113	75640	50.120	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.240%			
50) Toluene-d8	10.179	98	231698	46.331	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 92.660%			
62) 4-Bromofluorobenzene	12.483	95	98117	49.793	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 99.580%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	26030	24.767	ug/l	96
3) Chloromethane	2.113	50	27412	22.307	ug/l	95
4) Vinyl Chloride	2.253	62	31178	21.247	ug/l	100
5) Bromomethane	2.643	94	22675	23.135	ug/l	99
6) Chloroethane	2.790	64	21641	20.966	ug/l	96
7) Trichlorofluoromethane	3.125	101	57889	20.231	ug/l	98
8) Diethyl Ether	3.534	74	20695	20.649	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.899	101	33844	19.814	ug/l	99
10) Methyl Iodide	4.094	142	39760	19.881	ug/l	99
11) Tert butyl alcohol	4.948	59	22817	114.208	ug/l	99
12) 1,1-Dichloroethene	3.875	96	30858	20.032	ug/l	94
13) Acrolein	3.729	56	31724	108.114	ug/l	99
14) Allyl chloride	4.479	41	51835	20.257	ug/l	99
15) Acrylonitrile	5.161	53	59131	109.919	ug/l	98
16) Acetone	3.948	43	48478	85.294	ug/l	95
17) Carbon Disulfide	4.198	76	71549	20.338	ug/l	99
18) Methyl Acetate	4.479	43	33426	23.774	ug/l	98
19) Methyl tert-butyl Ether	5.222	73	102356	21.221	ug/l	100
20) Methylene Chloride	4.716	84	56725	25.112	ug/l	95
21) trans-1,2-Dichloroethene	5.222	96	35722	20.632	ug/l	95
22) Diisopropyl ether	6.118	45	121979	21.849	ug/l	99
23) Vinyl Acetate	6.064	43	344304	108.103	ug/l	98
24) 1,1-Dichloroethane	6.021	63	70982	20.923	ug/l	100
25) 2-Butanone	6.984	43	73668	100.765	ug/l	96
26) 2,2-Dichloropropane	6.978	77	62229	19.497	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	44587	21.070	ug/l	99
28) Bromochloromethane	7.338	49	25419	20.581	ug/l	99
29) Tetrahydrofuran	7.350	42	45774	110.003	ug/l	100
30) Chloroform	7.508	83	78544	21.656	ug/l	100
31) Cyclohexane	7.783	56	51698	19.453	ug/l #	93
32) 1,1,1-Trichloroethane	7.697	97	66934	20.693	ug/l	99
36) 1,1-Dichloropropene	7.917	75	50512	19.592	ug/l	100
37) Ethyl Acetate	7.076	43	31986	21.221	ug/l	99
38) Carbon Tetrachloride	7.905	117	60729	20.053	ug/l	98
39) Methylcyclohexane	9.185	83	55248	19.045	ug/l	98
40) Benzene	8.161	78	156070	20.263	ug/l	100

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41) Methacrylonitrile	7.307	41	15942	20.952	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	50129	21.047	ug/l	100
43) Isopropyl Acetate	8.271	43	57681	21.105	ug/l	99
44) Trichloroethene	8.941	130	42977	19.924	ug/l	98
45) 1,2-Dichloropropane	9.215	63	40696	20.415	ug/l	99
46) Dibromomethane	9.307	93	22911	20.532	ug/l	97
47) Bromodichloromethane	9.496	83	60406	20.954	ug/l	99
48) Methyl methacrylate	9.295	41	25542	21.201	ug/l	100
49) 1,4-Dioxane	9.301	88	6190	400.425	ug/l	96
51) 4-Methyl-2-Pentanone	10.069	43	159760	106.084	ug/l	100
52) Toluene	10.246	92	100486	20.523	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	59009	20.493	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	65025	20.099	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	35174	21.327	ug/l	99
56) Ethyl methacrylate	10.508	69	43429	20.398	ug/l	99
57) 1,3-Dichloropropane	10.788	76	58093	21.131	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	104074	105.419	ug/l	99
59) 2-Hexanone	10.831	43	108276	100.628	ug/l	100
60) Dibromochloromethane	10.983	129	43122	20.875	ug/l	100
61) 1,2-Dibromoethane	11.087	107	31542	21.110	ug/l	99
64) Tetrachloroethene	10.721	164	43665	20.132	ug/l	98
65) Chlorobenzene	11.514	112	111241	20.139	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	44023	20.544	ug/l	98
67) Ethyl Benzene	11.593	91	193797	19.912	ug/l	98
68) m/p-Xylenes	11.703	106	151037	40.522	ug/l	99
69) o-Xylene	12.032	106	71823	20.216	ug/l	97
70) Styrene	12.044	104	124558	20.541	ug/l	99
71) Bromoform	12.209	173	27623	20.899	ug/l #	98
73) Isopropylbenzene	12.331	105	194214	19.548	ug/l	100
74) N-amyl acetate	12.142	43	47948	20.072	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	41300	21.344	ug/l	97
76) 1,2,3-Trichloropropane	12.636	75	32599m	21.012	ug/l	
77) Bromobenzene	12.611	156	47358	20.415	ug/l	99
78) n-propylbenzene	12.672	91	231804	19.469	ug/l	100
79) 2-Chlorotoluene	12.758	91	135418	19.928	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	167090	19.897	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	13239	19.363	ug/l	97
82) 4-Chlorotoluene	12.855	91	138311	19.624	ug/l	99
83) tert-Butylbenzene	13.075	119	143067	19.565	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	165796	20.051	ug/l	98
85) sec-Butylbenzene	13.251	105	211961	19.464	ug/l	100
86) p-Isopropyltoluene	13.367	119	177127	19.542	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	94716	20.289	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	92095	19.849	ug/l	99
89) n-Butylbenzene	13.696	91	159341	19.339	ug/l	99
90) Hexachloroethane	13.959	117	35234	19.563	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	84765	20.178	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6828	20.240	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	47157	19.246	ug/l	97
94) Hexachlorobutadiene	15.111	225	29594	19.010	ug/l	99
95) Naphthalene	15.239	128	92047	19.396	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	40813	19.284	ug/l	99

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

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