

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112922\
 Data File : VY011613.D
 Acq On : 29 Nov 2022 11:39
 Operator : KP/MD
 Sample : VY1129SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1129SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/30/2022
 Supervised By :Mahesh Dadoda 11/30/2022

Quant Time: Nov 29 13:08:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	186178	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	291786	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	263848	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	132672	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	100627	53.229	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.460%			
35) Dibromofluoromethane	7.722	113	97610	54.342	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.680%			
50) Toluene-d8	10.179	98	343424	52.614	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.220%			
62) 4-Bromofluorobenzene	12.483	95	130513	54.080	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 108.160%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	31944	28.895	ug/l	97
3) Chloromethane	2.113	50	37055	20.824	ug/l	100
4) Vinyl Chloride	2.253	62	41900	19.897	ug/l	98
5) Bromomethane	2.644	94	29005	19.109	ug/l	98
6) Chloroethane	2.796	64	27611	18.793	ug/l	98
7) Trichlorofluoromethane	3.125	101	69489	22.497	ug/l	94
8) Diethyl Ether	3.534	74	20749	20.784	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.899	101	39979	22.383	ug/l	95
10) Methyl Iodide	4.094	142	41973	20.170	ug/l	96
11) Tert butyl alcohol	4.948	59	35872	164.990	ug/l #	92
12) 1,1-Dichloroethene	3.881	96	35673	21.803	ug/l	86
13) Acrolein	3.729	56	7469	149.841	ug/l	99
14) Allyl chloride	4.485	41	62370	21.715	ug/l	92
15) Acrylonitrile	5.167	53	58075	106.508	ug/l	98
16) Acetone	3.948	43	60941	99.244	ug/l	93
17) Carbon Disulfide	4.198	76	98761	21.780	ug/l	98
18) Methyl Acetate	4.485	43	34744	23.159	ug/l	96
19) Methyl tert-butyl Ether	5.228	73	99620	21.335	ug/l	98
20) Methylene Chloride	4.716	84	63123	21.244	ug/l	90
21) trans-1,2-Dichloroethene	5.222	96	40705	21.529	ug/l	94
22) Diisopropyl ether	6.125	45	135133	21.554	ug/l	96
23) Vinyl Acetate	6.064	43	381655	104.506	ug/l	96
24) 1,1-Dichloroethane	6.021	63	78695	21.378	ug/l	99
25) 2-Butanone	6.990	43	83216	103.118	ug/l #	87
26) 2,2-Dichloropropane	6.984	77	72787	21.424	ug/l	98
27) cis-1,2-Dichloroethene	6.990	96	47872	21.507	ug/l	95
28) Bromochloromethane	7.338	49	29338	19.839	ug/l	95
29) Tetrahydrofuran	7.350	42	47512	104.252	ug/l	94
30) Chloroform	7.509	83	81527	21.357	ug/l	96
31) Cyclohexane	7.789	56	67338	21.490	ug/l	90
32) 1,1,1-Trichloroethane	7.704	97	72642	21.272	ug/l	96
36) 1,1-Dichloropropene	7.923	75	60716	21.625	ug/l	100
37) Ethyl Acetate	7.076	43	33360	20.866	ug/l	97
38) Carbon Tetrachloride	7.905	117	66406	21.140	ug/l	99
39) Methylcyclohexane	9.185	83	68851	21.974	ug/l	95
40) Benzene	8.161	78	174883	21.383	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	15497	19.171	ug/l #	42
42) 1,2-Dichloroethane	8.240	62	52661	20.819	ug/l	95
43) Isopropyl Acetate	8.277	43	58262	20.200	ug/l #	91
44) Trichloroethene	8.941	130	46021	20.913	ug/l	94
45) 1,2-Dichloropropane	9.216	63	44621	21.344	ug/l	99
46) Dibromomethane	9.307	93	24236	20.734	ug/l	97
47) Bromodichloromethane	9.496	83	61263	20.807	ug/l	99
48) Methyl methacrylate	9.295	41	26387	20.597	ug/l	89
49) 1,4-Dioxane	9.301	88	5998	414.345	ug/l #	87
51) 4-Methyl-2-Pentanone	10.069	43	161619	100.801	ug/l	94
52) Toluene	10.246	92	111781	21.613	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	59329	20.158	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	69911	21.115	ug/l	89
55) 1,1,2-Trichloroethane	10.648	97	34310	20.516	ug/l	97
56) Ethyl methacrylate	10.514	69	42463	20.416	ug/l #	84
57) 1,3-Dichloropropane	10.794	76	59456	20.993	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	106198	104.257	ug/l	97
59) 2-Hexanone	10.831	43	115208	100.676	ug/l	91
60) Dibromochloromethane	10.990	129	42805	20.886	ug/l	97
61) 1,2-Dibromoethane	11.093	107	31871	20.879	ug/l	98
64) Tetrachloroethene	10.721	164	46559	21.414	ug/l	94
65) Chlorobenzene	11.520	112	115856	20.969	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.593	131	44151	21.084	ug/l	99
67) Ethyl Benzene	11.593	91	209805	21.031	ug/l	99
68) m/p-Xylenes	11.703	106	163659	43.096	ug/l	96
69) o-Xylene	12.032	106	75335	21.308	ug/l	96
70) Styrene	12.044	104	128808	21.343	ug/l	97
71) Bromoform	12.209	173	26498	20.800	ug/l #	99
73) Isopropylbenzene	12.331	105	206271	21.497	ug/l	99
74) N-amyl acetate	12.142	43	49304	20.808	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	40420	21.378	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	33205m	23.240	ug/l	
77) Bromobenzene	12.611	156	46604	20.801	ug/l	99
78) n-propylbenzene	12.672	91	257196	21.971	ug/l	99
79) 2-Chlorotoluene	12.758	91	141907	21.508	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	177358	21.928	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	13792	21.143	ug/l	89
82) 4-Chlorotoluene	12.855	91	147890	21.437	ug/l	99
83) tert-Butylbenzene	13.075	119	147655	20.959	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	173722	21.747	ug/l	99
85) sec-Butylbenzene	13.251	105	229961	21.877	ug/l	99
86) p-Isopropyltoluene	13.373	119	191542	21.834	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	95011	20.832	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	94605	20.744	ug/l	99
89) n-Butylbenzene	13.696	91	177288	21.984	ug/l	99
90) Hexachloroethane	13.965	117	37788	21.331	ug/l	88
91) 1,2-Dichlorobenzene	13.739	146	84373	20.870	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6282	20.259	ug/l	86
93) 1,2,4-Trichlorobenzene	15.007	180	46731	20.839	ug/l	99
94) Hexachlorobutadiene	15.111	225	31413	22.536	ug/l	100
95) Naphthalene	15.239	128	86292	20.900	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	39754	20.686	ug/l	98

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

