

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020323\
 Data File : VY012469.D
 Acq On : 03 Feb 2023 12:06
 Operator : KP/MD
 Sample : VY0203SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0203SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 02/06/2023
 Supervised By :Mahesh Dadoda 02/06/2023

Quant Time: Feb 04 00:05:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	156441	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	236280	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	218771	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	115337	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	60787	46.611	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.220%		
35) Dibromofluoromethane	7.722	113	58822	47.016	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.040%		
50) Toluene-d8	10.179	98	200234	45.831	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	91.660%		
62) 4-Bromofluorobenzene	12.483	95	81262	46.075	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	92.160%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	28715	21.004	ug/l	97
3) Chloromethane	2.113	50	25259	20.014	ug/l	98
4) Vinyl Chloride	2.253	62	30996	21.041	ug/l	99
5) Bromomethane	2.644	94	25142	22.075	ug/l	93
6) Chloroethane	2.796	64	21398	22.273	ug/l	98
7) Trichlorofluoromethane	3.125	101	63505	22.088	ug/l	97
8) Diethyl Ether	3.534	74	18145	21.209	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.899	101	32657	23.338	ug/l	95
10) Methyl Iodide	4.095	142	40167	18.889	ug/l	96
11) Tert butyl alcohol	4.948	59	23775	149.554	ug/l #	85
12) 1,1-Dichloroethene	3.875	96	31924	22.219	ug/l	91
13) Acrolein	3.729	56	5905	79.987	ug/l	99
14) Allyl chloride	4.479	41	38730	21.800	ug/l #	87
15) Acrylonitrile	5.161	53	41657	111.474	ug/l	100
16) Acetone	3.948	43	42331	97.174	ug/l	99
17) Carbon Disulfide	4.198	76	87646	19.721	ug/l	99
18) Methyl Acetate	4.479	43	21039	21.584	ug/l #	90
19) Methyl tert-butyl Ether	5.216	73	85949	21.459	ug/l	95
20) Methylene Chloride	4.716	84	44856	19.792	ug/l	89
21) trans-1,2-Dichloroethene	5.222	96	35183	21.943	ug/l	88
22) Diisopropyl ether	6.119	45	80525	22.735	ug/l #	87
23) Vinyl Acetate	6.064	43	240925	109.162	ug/l #	92
24) 1,1-Dichloroethane	6.015	63	54877	22.338	ug/l	98
25) 2-Butanone	6.984	43	51129	106.316	ug/l #	89
26) 2,2-Dichloropropane	6.978	77	59853	22.443	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	39384	22.362	ug/l	95
28) Bromochloromethane	7.338	49	11057	20.609	ug/l #	73
29) Tetrahydrofuran	7.350	42	28621	108.346	ug/l #	83
30) Chloroform	7.509	83	64491	22.238	ug/l	100
31) Cyclohexane	7.789	56	49267	21.600	ug/l #	86
32) 1,1,1-Trichloroethane	7.704	97	64101	22.327	ug/l	99
36) 1,1-Dichloropropene	7.917	75	46858	22.038	ug/l	98
37) Ethyl Acetate	7.076	43	20294	21.650	ug/l #	92
38) Carbon Tetrachloride	7.905	117	61642	22.447	ug/l	95
39) Methylcyclohexane	9.185	83	57460	22.113	ug/l	95
40) Benzene	8.161	78	135755	22.121	ug/l	99

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41) Methacrylonitrile	7.307	41	9847m	17.872	ug/l	
42) 1,2-Dichloroethane	8.240	62	43193	22.108	ug/l	99
43) Isopropyl Acetate	8.271	43	37700	21.618	ug/l #	92
44) Trichloroethene	8.941	130	41252	22.489	ug/l	95
45) 1,2-Dichloropropane	9.216	63	29617	23.128	ug/l	99
46) Dibromomethane	9.307	93	18894	22.040	ug/l	94
47) Bromodichloromethane	9.496	83	48532	22.490	ug/l	98
48) Methyl methacrylate	9.295	41	16967	21.116	ug/l	88
49) 1,4-Dioxane	9.301	88	4926	421.697	ug/l	96
51) 4-Methyl-2-Pentanone	10.069	43	102650	110.387	ug/l	94
52) Toluene	10.246	92	92313	22.592	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	49788	22.057	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	54473	22.409	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	27549	22.618	ug/l	95
56) Ethyl methacrylate	10.508	69	34547	21.620	ug/l	94
57) 1,3-Dichloropropane	10.788	76	45019	22.632	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	55186	104.375	ug/l #	88
59) 2-Hexanone	10.831	43	75223	106.249	ug/l	93
60) Dibromochloromethane	10.984	129	37185	23.018	ug/l	98
61) 1,2-Dibromoethane	11.087	107	25733	21.895	ug/l	99
64) Tetrachloroethene	10.721	164	45796	22.941	ug/l	97
65) Chlorobenzene	11.514	112	99536	22.237	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	38854	22.997	ug/l	98
67) Ethyl Benzene	11.593	91	179660	22.458	ug/l	100
68) m/p-Xylenes	11.703	106	142945	45.193	ug/l	98
69) o-Xylene	12.032	106	67372	22.300	ug/l	98
70) Styrene	12.044	104	114365	22.656	ug/l	99
71) Bromoform	12.209	173	24084	22.311	ug/l #	99
73) Isopropylbenzene	12.331	105	183699	22.088	ug/l	99
74) N-amyl acetate	12.142	43	33410	20.493	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	28921	22.077	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	27007m	25.465	ug/l	
77) Bromobenzene	12.611	156	43322	21.647	ug/l	92
78) n-propylbenzene	12.672	91	215472	22.140	ug/l	98
79) 2-Chlorotoluene	12.758	91	122700	22.299	ug/l	98
80) 1,3,5-Trimethylbenzene	12.813	105	162289	22.447	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	10956	21.285	ug/l	98
82) 4-Chlorotoluene	12.855	91	126937	21.961	ug/l	98
83) tert-Butylbenzene	13.075	119	137856	21.877	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	158673	22.254	ug/l	100
85) sec-Butylbenzene	13.251	105	201831	22.496	ug/l	98
86) p-Isopropyltoluene	13.373	119	175178	22.348	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	87748	22.046	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	86584	21.812	ug/l	99
89) n-Butylbenzene	13.697	91	152256	22.414	ug/l	98
90) Hexachloroethane	13.959	117	31689	22.394	ug/l	93
91) 1,2-Dichlorobenzene	13.739	146	77611	21.853	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	5657	20.896	ug/l	90
93) 1,2,4-Trichlorobenzene	15.007	180	48465	21.297	ug/l	99
94) Hexachlorobutadiene	15.111	225	31198	22.770	ug/l	98
95) Naphthalene	15.239	128	89530	19.933	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	40772	20.821	ug/l	99

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

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