

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083122\
 Data File : VY010235.D
 Acq On : 31 Aug 2022 11:12
 Operator : KP/MD
 Sample : VY0831SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0831SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/01/2022
 Supervised By :Mahesh Dadoda 09/01/2022

Quant Time: Aug 31 14:44:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y083022S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 31 02:23:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	202175	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	289389	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	261394	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	152928	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	80629	48.088	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.180%		
35) Dibromofluoromethane	7.716	113	79249	47.962	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.920%		
50) Toluene-d8	10.179	98	311252	50.644	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	101.280%		
62) 4-Bromofluorobenzene	12.477	95	107310	46.543	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	93.080%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	32764	22.222	ug/l	97
3) Chloromethane	2.107	50	30104	20.051	ug/l	97
4) Vinyl Chloride	2.241	62	34667	20.549	ug/l	95
5) Bromomethane	2.631	94	27709	20.250	ug/l	99
6) Chloroethane	2.784	64	24754	21.622	ug/l	97
7) Trichlorofluoromethane	3.113	101	70952	22.435	ug/l	90
8) Diethyl Ether	3.521	74	19578	19.017	ug/l	77
9) 1,1,2-Trichlorotrifluo...	3.887	101	36102	20.094	ug/l	88
10) Methyl Iodide	4.082	142	47454	19.667	ug/l	90
11) Tert butyl alcohol	4.942	59	16034	94.147	ug/l #	95
12) 1,1-Dichloroethene	3.863	96	35598	19.711	ug/l #	78
13) Acrolein	3.723	56	19107	85.580	ug/l	100
14) Allyl chloride	4.466	41	46840	19.000	ug/l #	92
15) Acrylonitrile	5.155	53	43404	92.283	ug/l	99
16) Acetone	3.936	43	37461	104.666	ug/l	92
17) Carbon Disulfide	4.180	76	106474	19.593	ug/l	97
18) Methyl Acetate	4.473	43	20719	17.605	ug/l #	84
19) Methyl tert-butyl Ether	5.216	73	87784	18.738	ug/l	94
20) Methylene Chloride	4.704	84	40587	19.259	ug/l #	76
21) trans-1,2-Dichloroethene	5.204	96	39684	20.004	ug/l #	80
22) Diisopropyl ether	6.106	45	93725	18.887	ug/l #	94
23) Vinyl Acetate	6.051	43	286544	90.198	ug/l #	88
24) 1,1-Dichloroethane	6.009	63	59412	19.112	ug/l #	95
25) 2-Butanone	6.984	43	54039	87.667	ug/l #	84
26) 2,2-Dichloropropane	6.978	77	60497	20.798	ug/l	95
27) cis-1,2-Dichloroethene	6.978	96	42880	19.014	ug/l	83
28) Bromochloromethane	7.326	49	14521	15.230	ug/l #	52
29) Tetrahydrofuran	7.338	42	33718	82.840	ug/l #	78
30) Chloroform	7.496	83	66704	18.949	ug/l	99
31) Cyclohexane	7.777	56	56351	18.531	ug/l #	79
32) 1,1,1-Trichloroethane	7.691	97	64647	20.033	ug/l	94
36) 1,1-Dichloropropene	7.911	75	51008	20.211	ug/l	93
37) Ethyl Acetate	7.070	43	23599	17.741	ug/l #	95
38) Carbon Tetrachloride	7.893	117	62114	21.450	ug/l	97
39) Methylcyclohexane	9.179	83	64715	20.011	ug/l	88
40) Benzene	8.155	78	145834	19.568	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	11975	15.935	ug/l #	1
42) 1,2-Dichloroethane	8.234	62	44306	20.112	ug/l	93
43) Isopropyl Acetate	8.271	43	43212	16.968	ug/l #	85
44) Trichloroethene	8.935	130	46408	20.180	ug/l	99
45) 1,2-Dichloropropane	9.209	63	32801	18.212	ug/l	94
46) Dibromomethane	9.301	93	20973	18.873	ug/l	88
47) Bromodichloromethane	9.490	83	49791	19.353	ug/l	98
48) Methyl methacrylate	9.289	41	20579	18.143	ug/l #	83
49) 1,4-Dioxane	9.289	88	4957	411.426	ug/l #	82
51) 4-Methyl-2-Pentanone	10.069	43	116066	85.514	ug/l	89
52) Toluene	10.240	92	96586	19.861	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	51492	18.260	ug/l	97
54) cis-1,3-Dichloropropene	9.923	75	57926	19.126	ug/l #	88
55) 1,1,2-Trichloroethane	10.642	97	29906	17.663	ug/l	97
56) Ethyl methacrylate	10.508	69	37303	16.941	ug/l #	78
57) 1,3-Dichloropropane	10.788	76	48608	17.413	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	72539	116.819	ug/l #	86
59) 2-Hexanone	10.831	43	80469	77.697	ug/l	86
60) Dibromochloromethane	10.984	129	39470	18.607	ug/l	99
61) 1,2-Dibromoethane	11.087	107	29983	17.955	ug/l	98
64) Tetrachloroethene	10.715	164	45741	20.270	ug/l	97
65) Chlorobenzene	11.514	112	109116	20.255	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	41476	20.400	ug/l	98
67) Ethyl Benzene	11.593	91	185043	20.134	ug/l	96
68) m/p-Xylenes	11.703	106	150323	41.006	ug/l	91
69) o-Xylene	12.026	106	70839	20.764	ug/l	90
70) Styrene	12.044	104	117699	20.577	ug/l	95
71) Bromoform	12.209	173	26701	19.867	ug/l #	98
73) Isopropylbenzene	12.331	105	186296	18.018	ug/l	98
74) N-amyl acetate	12.142	43	38460	14.288	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.581	83	39153	18.679	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	23757m	15.799	ug/l	
77) Bromobenzene	12.605	156	53755	20.344	ug/l	87
78) n-propylbenzene	12.672	91	251255	20.488	ug/l	97
79) 2-Chlorotoluene	12.752	91	142994	20.214	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	178708	20.347	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.374	75	11454	15.892	ug/l	88
82) 4-Chlorotoluene	12.855	91	150406	20.266	ug/l	96
83) tert-Butylbenzene	13.075	119	164615	21.192	ug/l	93
84) 1,2,4-Trimethylbenzene	13.117	105	179870	20.852	ug/l	97
85) sec-Butylbenzene	13.251	105	233922	20.473	ug/l	98
86) p-Isopropyltoluene	13.367	119	197266	20.832	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	107475	20.582	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	107078	20.353	ug/l	97
89) n-Butylbenzene	13.696	91	177142	20.206	ug/l	98
90) Hexachloroethane	13.959	117	37635	19.724	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	95400	20.206	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6561	18.007	ug/l	70
93) 1,2,4-Trichlorobenzene	15.007	180	58037	18.729	ug/l	100
94) Hexachlorobutadiene	15.111	225	34761	18.938	ug/l	98
95) Naphthalene	15.239	128	106536	17.446	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	48649	17.693	ug/l	97

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

