

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080923\
 Data File : VY015001.D
 Acq On : 09 Aug 2023 13:32
 Operator : SY/MD
 Sample : VY0809SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0809SBS01

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 08/10/2023
 Supervised By :Mahesh Dadoda 08/10/2023

Quant Time: Aug 10 01:43:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 07:44:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	358553	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	582734	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	526917	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	263598	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	212414	48.878	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.760%		
35) Dibromofluoromethane	7.710	113	186399	50.020	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.040%		
50) Toluene-d8	10.179	98	674539	47.557	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	95.120%		
62) 4-Bromofluorobenzene	12.477	95	249503	49.633	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	99.260%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	38813	17.315	ug/l	100
3) Chloromethane	2.107	50	50506	17.899	ug/l	96
4) Vinyl Chloride	2.247	62	58158	16.726	ug/l	94
5) Bromomethane	2.631	94	39349	14.664	ug/l	99
6) Chloroethane	2.777	64	40973	17.067	ug/l	97
7) Trichlorofluoromethane	3.113	101	97446	17.735	ug/l	99
8) Diethyl Ether	3.527	74	37092	18.294	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.887	101	57896	17.799	ug/l	95
10) Methyl Iodide	4.076	142	63017	18.739	ug/l	99
11) Tert butyl alcohol	4.942	59	100238	95.572	ug/l #	91
12) 1,1-Dichloroethene	3.863	96	49632	17.513	ug/l	97
13) Acrolein	3.722	56	50624	141.885	ug/l	98
14) Allyl chloride	4.466	41	86831	18.398	ug/l	98
15) Acrylonitrile	5.155	53	115851	93.527	ug/l	99
16) Acetone	3.948	43	141553	104.456	ug/l	97
17) Carbon Disulfide	4.186	76	99678	15.908	ug/l	99
18) Methyl Acetate	4.472	43	101331	20.533	ug/l	92
19) Methyl tert-butyl Ether	5.216	73	202727	18.907	ug/l	98
20) Methylene Chloride	4.704	84	146525	19.458	ug/l	91
21) trans-1,2-Dichloroethene	5.204	96	57426	17.777	ug/l	98
22) Diisopropyl ether	6.112	45	205093	18.657	ug/l	94
23) Vinyl Acetate	6.057	43	564343	85.400	ug/l #	94
24) 1,1-Dichloroethane	6.015	63	114062	18.293	ug/l	96
25) 2-Butanone	6.984	43	189661	97.714	ug/l	95
26) 2,2-Dichloropropane	6.972	77	111256	17.634	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	74695	18.271	ug/l	97
28) Bromochloromethane	7.325	49	54127	19.256	ug/l	91
29) Tetrahydrofuran	7.344	42	106107	93.221	ug/l	93
30) Chloroform	7.502	83	125308	18.500	ug/l	98
31) Cyclohexane	7.777	56	84612	16.466	ug/l #	88
32) 1,1,1-Trichloroethane	7.697	97	107816	18.062	ug/l	97
36) 1,1-Dichloropropene	7.911	75	80917	17.490	ug/l	99
37) Ethyl Acetate	7.069	43	69290	18.868	ug/l #	95
38) Carbon Tetrachloride	7.898	117	93238	17.927	ug/l	99
39) Methylcyclohexane	9.179	83	93579	17.009	ug/l	93
40) Benzene	8.155	78	244882	17.975	ug/l	99

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41) Methacrylonitrile	7.301	41	32387m	18.148	ug/l	
42) 1,2-Dichloroethane	8.234	62	88812	18.728	ug/l	94
43) Isopropyl Acetate	8.270	43	130578	19.138	ug/l	97
44) Trichloroethene	8.935	130	72351	18.509	ug/l	95
45) 1,2-Dichloropropane	9.209	63	68033	18.791	ug/l	97
46) Dibromomethane	9.301	93	43681	18.728	ug/l	97
47) Bromodichloromethane	9.490	83	101233	18.848	ug/l	99
48) Methyl methacrylate	9.288	41	58159	19.428	ug/l	95
49) 1,4-Dioxane	9.301	88	15953	367.724	ug/l #	49
51) 4-Methyl-2-Pentanone	10.069	43	367909	95.687	ug/l	94
52) Toluene	10.240	92	158718	18.105	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	106309	19.007	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	113194	18.731	ug/l	92
55) 1,1,2-Trichloroethane	10.642	97	62564	18.456	ug/l	95
56) Ethyl methacrylate	10.508	69	92674	19.093	ug/l	92
57) 1,3-Dichloropropane	10.788	76	104075	18.557	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	222454	96.925	ug/l	93
59) 2-Hexanone	10.831	43	282781	99.560	ug/l	94
60) Dibromochloromethane	10.977	129	75632	18.738	ug/l	100
61) 1,2-Dibromoethane	11.087	107	61032	18.862	ug/l	100
64) Tetrachloroethene	10.715	164	82815	20.894	ug/l	98
65) Chlorobenzene	11.514	112	184208	18.424	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	73803	18.838	ug/l	99
67) Ethyl Benzene	11.587	91	317107	18.072	ug/l	97
68) m/p-Xylenes	11.697	106	245202	36.529	ug/l	97
69) o-Xylene	12.026	106	121160	18.446	ug/l	97
70) Styrene	12.038	104	206075	18.359	ug/l	98
71) Bromoform	12.203	173	51455	19.054	ug/l #	98
73) Isopropylbenzene	12.325	105	323973	18.283	ug/l	99
74) N-amyl acetate	12.142	43	106468	17.586	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	78491	18.126	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	57012m	18.050	ug/l	
77) Bromobenzene	12.605	156	79880	18.585	ug/l	99
78) n-propylbenzene	12.666	91	381266	17.990	ug/l	99
79) 2-Chlorotoluene	12.751	91	221060	18.302	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	272945	18.692	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	26606	18.557	ug/l	99
82) 4-Chlorotoluene	12.849	91	230208	18.437	ug/l	99
83) tert-Butylbenzene	13.068	119	241654	18.091	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	285192	19.494	ug/l	100
85) sec-Butylbenzene	13.251	105	349739	17.839	ug/l	100
86) p-Isopropyltoluene	13.367	119	296259	18.256	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	155161	18.443	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	154814	18.452	ug/l	98
89) n-Butylbenzene	13.690	91	275353	18.059	ug/l	95
90) Hexachloroethane	13.958	117	57425	18.222	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	144233	18.576	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	16026	18.955	ug/l	93
93) 1,2,4-Trichlorobenzene	15.001	180	93747	18.868	ug/l	98
94) Hexachlorobutadiene	15.111	225	51185	18.998	ug/l	97
95) Naphthalene	15.233	128	227540	19.463	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	85248	18.955	ug/l	98

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

