

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011723\
 Data File : VY012215.D
 Acq On : 17 Jan 2023 11:29
 Operator : KP/MD
 Sample : VY0117SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0117SBS01

Quant Time: Jan 18 00:30:38 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

Manual Integrations APPROVED

Reviewed By :Krupa Patel 01/18/2023
 Supervised By :Mahesh Dadoda 01/18/2023

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	181881	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	274780	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	252887	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	129927	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	74034	49.031	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.060%		
35) Dibromofluoromethane	7.716	113	66421	45.651	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	91.300%		
50) Toluene-d8	10.179	98	246111	48.708	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	97.420%		
62) 4-Bromofluorobenzene	12.483	95	92974	45.330	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	90.660%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	36041	22.675	ug/l	96
3) Chloromethane	2.113	50	29003	19.766	ug/l	96
4) Vinyl Chloride	2.253	62	34154	19.942	ug/l	99
5) Bromomethane	2.650	94	28765	21.723	ug/l	97
6) Chloroethane	2.796	64	23187	20.759	ug/l	98
7) Trichlorofluoromethane	3.125	101	70261	21.020	ug/l	98
8) Diethyl Ether	3.534	74	19331	19.435	ug/l	80
9) 1,1,2-Trichlorotrifluo...	3.905	101	33611	20.660	ug/l	93
10) Methyl Iodide	4.088	142	39452	15.957	ug/l	94
11) Tert butyl alcohol	4.948	59	23535	125.414	ug/l	96
12) 1,1-Dichloroethene	3.875	96	33357	19.969	ug/l	94
13) Acrolein	3.729	56	9751	129.838	ug/l	98
14) Allyl chloride	4.479	41	38232	18.510	ug/l #	80
15) Acrylonitrile	5.161	53	42920	98.789	ug/l	99
16) Acetone	3.948	43	45224	89.295	ug/l	99
17) Carbon Disulfide	4.198	76	101684	19.680	ug/l	100
18) Methyl Acetate	4.479	43	20526	18.112	ug/l #	82
19) Methyl tert-butyl Ether	5.222	73	90945	19.530	ug/l	92
20) Methylene Chloride	4.716	84	40039	13.004	ug/l	87
21) trans-1,2-Dichloroethene	5.222	96	37378	20.052	ug/l	90
22) Diisopropyl ether	6.119	45	79195	19.232	ug/l #	85
23) Vinyl Acetate	6.064	43	247850	96.592	ug/l #	91
24) 1,1-Dichloroethane	6.021	63	55662	19.488	ug/l	99
25) 2-Butanone	6.984	43	53492	95.671	ug/l	92
26) 2,2-Dichloropropane	6.978	77	63985	20.637	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	40615	19.836	ug/l	95
28) Bromochloromethane	7.338	49	11519	18.467	ug/l #	68
29) Tetrahydrofuran	7.350	42	29808	97.056	ug/l #	80
30) Chloroform	7.508	83	67334	19.971	ug/l	99
31) Cyclohexane	7.783	56	52103	19.648	ug/l	88
32) 1,1,1-Trichloroethane	7.704	97	68421	20.498	ug/l	98
36) 1,1-Dichloropropene	7.917	75	49827	20.151	ug/l	98
37) Ethyl Acetate	7.082	43	21828	20.024	ug/l #	94
38) Carbon Tetrachloride	7.899	117	65522	20.517	ug/l	98
39) Methylcyclohexane	9.185	83	62224	20.592	ug/l	94
40) Benzene	8.161	78	141995	19.896	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	10987m	17.147	ug/l	
42) 1,2-Dichloroethane	8.234	62	46674	20.542	ug/l	99
43) Isopropyl Acetate	8.271	43	39820	19.634	ug/l #	93
44) Trichloroethene	8.941	130	43534	20.408	ug/l	95
45) 1,2-Dichloropropane	9.216	63	28940	19.433	ug/l	98
46) Dibromomethane	9.307	93	20598	20.661	ug/l	97
47) Bromodichloromethane	9.496	83	50079	19.955	ug/l	99
48) Methyl methacrylate	9.295	41	18003	19.266	ug/l	88
49) 1,4-Dioxane	9.307	88	5560	409.282	ug/l #	90
51) 4-Methyl-2-Pentanone	10.069	43	106958	98.904	ug/l	94
52) Toluene	10.246	92	95396	20.075	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	51909	19.775	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	56927	20.137	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	28450	20.085	ug/l	94
56) Ethyl methacrylate	10.508	69	35946	19.344	ug/l	94
57) 1,3-Dichloropropane	10.788	76	45677	19.746	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	61844	100.579	ug/l #	86
59) 2-Hexanone	10.831	43	79700	96.800	ug/l	94
60) Dibromochloromethane	10.983	129	38222	20.345	ug/l	99
61) 1,2-Dibromoethane	11.087	107	27253	19.939	ug/l	98
64) Tetrachloroethene	10.721	164	48927	21.203	ug/l	99
65) Chlorobenzene	11.514	112	102811	19.870	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	39235	20.089	ug/l	97
67) Ethyl Benzene	11.593	91	183712	19.867	ug/l	96
68) m/p-Xylenes	11.703	106	147971	40.471	ug/l	99
69) o-Xylene	12.032	106	70069	20.064	ug/l	98
70) Styrene	12.044	104	118183	20.254	ug/l	99
71) Bromoform	12.209	173	24978	20.018	ug/l #	100
73) Isopropylbenzene	12.331	105	189006	20.174	ug/l	99
74) N-amyl acetate	12.142	43	34067	18.549	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	29777	20.178	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	26153m	21.890	ug/l	
77) Bromobenzene	12.611	156	45559	20.209	ug/l	91
78) n-propylbenzene	12.672	91	219684	20.038	ug/l	98
79) 2-Chlorotoluene	12.758	91	123030	19.848	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	166726	20.471	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	11499	19.831	ug/l	97
82) 4-Chlorotoluene	12.855	91	128279	19.701	ug/l	97
83) tert-Butylbenzene	13.075	119	143346	20.194	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	162332	20.211	ug/l	100
85) sec-Butylbenzene	13.257	105	202392	20.026	ug/l	97
86) p-Isopropyltoluene	13.373	119	179488	20.327	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	88685	19.779	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	87425	19.551	ug/l	99
89) n-Butylbenzene	13.696	91	153600	20.073	ug/l	97
90) Hexachloroethane	13.965	117	32070	20.118	ug/l	93
91) 1,2-Dichlorobenzene	13.739	146	80459	20.111	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	5928	19.438	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	47366	18.477	ug/l	99
94) Hexachlorobutadiene	15.117	225	30586	19.817	ug/l	99
95) Naphthalene	15.239	128	91164	18.017	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	40914	18.547	ug/l	99

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

