

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013123\
 Data File : VY012414.D
 Acq On : 31 Jan 2023 12:52
 Operator : KP/MD
 Sample : VY0131SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0131SBS01

Quant Time: Feb 01 01:22:20 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 02/01/2023
 Supervised By :Mahesh Dadoda 02/01/2023

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	152145	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	228624	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	213039	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	111841	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	62436	49.467	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.940%		
35) Dibromofluoromethane	7.716	113	56327	46.530	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.060%		
50) Toluene-d8	10.179	98	199932	47.445	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	94.900%		
62) 4-Bromofluorobenzene	12.483	95	78464	45.979	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	91.960%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	27892	20.978	ug/l	98
3) Chloromethane	2.113	50	23522	19.164	ug/l	97
4) Vinyl Chloride	2.253	62	28424	19.840	ug/l	97
5) Bromomethane	2.643	94	24709	22.307	ug/l	100
6) Chloroethane	2.790	64	20028	21.435	ug/l	97
7) Trichlorofluoromethane	3.125	101	60560	21.658	ug/l	98
8) Diethyl Ether	3.527	74	17135	20.594	ug/l	80
9) 1,1,2-Trichlorotrifluo...	3.899	101	29426	21.623	ug/l	94
10) Methyl Iodide	4.088	142	34587	16.724	ug/l	94
11) Tert butyl alcohol	4.948	59	18952	120.246	ug/l	97
12) 1,1-Dichloroethene	3.869	96	29105	20.829	ug/l	96
13) Acrolein	3.729	56	6346	92.443	ug/l	98
14) Allyl chloride	4.485	41	32324	18.708	ug/l #	77
15) Acrylonitrile	5.161	53	38508	105.957	ug/l	99
16) Acetone	3.954	43	39343	92.865	ug/l	95
17) Carbon Disulfide	4.192	76	84125	19.463	ug/l	100
18) Methyl Acetate	4.485	43	19454	20.521	ug/l #	84
19) Methyl tert-butyl Ether	5.222	73	81369	20.889	ug/l	98
20) Methylene Chloride	4.716	84	38129	16.110	ug/l	87
21) trans-1,2-Dichloroethene	5.216	96	32461	20.817	ug/l	90
22) Diisopropyl ether	6.118	45	70462	20.456	ug/l #	88
23) Vinyl Acetate	6.064	43	214626	99.992	ug/l #	89
24) 1,1-Dichloroethane	6.015	63	49818	20.851	ug/l	97
25) 2-Butanone	6.984	43	47097	100.697	ug/l #	83
26) 2,2-Dichloropropane	6.984	77	55237	21.297	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	36236	21.156	ug/l	91
28) Bromochloromethane	7.332	49	10024	19.211	ug/l #	69
29) Tetrahydrofuran	7.350	42	26027	101.308	ug/l #	76
30) Chloroform	7.508	83	60247	21.361	ug/l	98
31) Cyclohexane	7.783	56	43537	19.626	ug/l #	88
32) 1,1,1-Trichloroethane	7.703	97	60884	21.805	ug/l	97
36) 1,1-Dichloropropene	7.917	75	42867	20.836	ug/l	96
37) Ethyl Acetate	7.069	43	18171	20.035	ug/l #	92
38) Carbon Tetrachloride	7.899	117	59028	22.215	ug/l	96
39) Methylcyclohexane	9.185	83	53276	21.190	ug/l	93
40) Benzene	8.161	78	125710	21.170	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	11341m	21.273	ug/l	
42) 1,2-Dichloroethane	8.234	62	41824	22.124	ug/l	98
43) Isopropyl Acetate	8.270	43	34680	20.552	ug/l #	91
44) Trichloroethene	8.941	130	38301	21.580	ug/l	95
45) 1,2-Dichloropropane	9.215	63	25663	20.712	ug/l	98
46) Dibromomethane	9.307	93	17865	21.537	ug/l	95
47) Bromodichloromethane	9.496	83	45138	21.618	ug/l	97
48) Methyl methacrylate	9.295	41	15365	19.762	ug/l #	83
49) 1,4-Dioxane	9.301	88	5171	457.495	ug/l	90
51) 4-Methyl-2-Pentanone	10.069	43	93936	104.399	ug/l	94
52) Toluene	10.246	92	85865	21.717	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	46578	21.326	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	49917	21.222	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	25643	21.759	ug/l	95
56) Ethyl methacrylate	10.508	69	32942	21.306	ug/l	92
57) 1,3-Dichloropropane	10.788	76	41845	21.741	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	53017	103.631	ug/l #	86
59) 2-Hexanone	10.831	43	70032	102.230	ug/l	94
60) Dibromochloromethane	10.983	129	35375	22.631	ug/l	96
61) 1,2-Dibromoethane	11.087	107	24189	21.271	ug/l	100
64) Tetrachloroethene	10.721	164	43936	22.601	ug/l	92
65) Chlorobenzene	11.514	112	93382	21.423	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	35948	21.849	ug/l	95
67) Ethyl Benzene	11.593	91	163513	20.990	ug/l	98
68) m/p-Xylenes	11.703	106	133575	43.367	ug/l	98
69) o-Xylene	12.032	106	62772	21.337	ug/l	99
70) Styrene	12.044	104	106664	21.699	ug/l	99
71) Bromoform	12.209	173	23505	22.361	ug/l #	98
73) Isopropylbenzene	12.331	105	170521	21.144	ug/l	98
74) N-amyl acetate	12.142	43	30313	19.174	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	26755	21.062	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	22925m	22.292	ug/l	
77) Bromobenzene	12.611	156	41706	21.491	ug/l	89
78) n-propylbenzene	12.672	91	197749	20.954	ug/l	97
79) 2-Chlorotoluene	12.757	91	111038	20.810	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	149729	21.357	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	10474	20.985	ug/l	96
82) 4-Chlorotoluene	12.855	91	117392	20.945	ug/l	97
83) tert-Butylbenzene	13.074	119	126651	20.727	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	148254	21.443	ug/l	99
85) sec-Butylbenzene	13.251	105	183812	21.128	ug/l	97
86) p-Isopropyltoluene	13.367	119	161227	21.211	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	82586	21.397	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	81276	21.115	ug/l	99
89) n-Butylbenzene	13.696	91	137847	20.927	ug/l	98
90) Hexachloroethane	13.958	117	28872	21.041	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	72228	20.973	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	5602	21.339	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	45249	20.506	ug/l	99
94) Hexachlorobutadiene	15.111	225	29445	22.163	ug/l	98
95) Naphthalene	15.239	128	87533	20.097	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	38961	20.518	ug/l	100

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

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