

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020923\
 Data File : VY012557.D
 Acq On : 09 Feb 2023 11:22
 Operator : KP/MD
 Sample : VY0209SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0209SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 02/10/2023
 Supervised By :Mahesh Dadoda 02/10/2023

Quant Time: Feb 09 16:39:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 01:09:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	133229	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	202315	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	186249	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	100051	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	88063	51.980	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.960%			
35) Dibromofluoromethane	7.716	113	76787	52.116	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.240%			
50) Toluene-d8	10.179	98	314864	51.342	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.680%			
62) 4-Bromofluorobenzene	12.483	95	106741	49.900	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 99.800%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	23567	23.138	ug/l	99
3) Chloromethane	2.113	50	23572	22.708	ug/l	96
4) Vinyl Chloride	2.253	62	27656	21.385	ug/l	99
5) Bromomethane	2.650	94	23761	23.648	ug/l	95
6) Chloroethane	2.790	64	19733	21.921	ug/l	99
7) Trichlorofluoromethane	3.125	101	55768	20.980	ug/l	99
8) Diethyl Ether	3.534	74	17059	21.642	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.899	101	28179	20.993	ug/l	98
10) Methyl Iodide	4.094	142	34806	20.001	ug/l	100
11) Tert butyl alcohol	4.948	59	13688	77.425	ug/l	99
12) 1,1-Dichloroethene	3.869	96	27210	20.515	ug/l	97
13) Acrolein	3.729	56	20468	102.768	ug/l	98
14) Allyl chloride	4.479	41	33552	20.748	ug/l	98
15) Acrylonitrile	5.161	53	37743	103.790	ug/l	98
16) Acetone	3.942	43	38610	94.688	ug/l	99
17) Carbon Disulfide	4.192	76	72264	21.006	ug/l	99
18) Methyl Acetate	4.479	43	19962	20.368	ug/l	100
19) Methyl tert-butyl Ether	5.216	73	80568	20.759	ug/l	99
20) Methylene Chloride	4.716	84	38943	23.314	ug/l	99
21) trans-1,2-Dichloroethene	5.222	96	30363	20.991	ug/l	98
22) Diisopropyl ether	6.118	45	72000	21.896	ug/l	95
23) Vinyl Acetate	6.057	43	211152	106.519	ug/l	99
24) 1,1-Dichloroethane	6.015	63	50746	21.588	ug/l	99
25) 2-Butanone	6.984	43	43404	95.939	ug/l	99
26) 2,2-Dichloropropane	6.984	77	51970	20.122	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	36065	21.485	ug/l	99
28) Bromochloromethane	7.332	49	17891	20.938	ug/l	100
29) Tetrahydrofuran	7.350	42	24577	100.485	ug/l	97
30) Chloroform	7.508	83	60049	21.188	ug/l	100
31) Cyclohexane	7.783	56	40063	20.453	ug/l #	89
32) 1,1,1-Trichloroethane	7.704	97	57887	21.048	ug/l	99
36) 1,1-Dichloropropene	7.917	75	39790	19.954	ug/l	98
37) Ethyl Acetate	7.069	43	18453	20.508	ug/l	99
38) Carbon Tetrachloride	7.899	117	53769	20.087	ug/l	98
39) Methylcyclohexane	9.185	83	48044	20.023	ug/l	98
40) Benzene	8.161	78	124641	21.163	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	8966	18.188	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	40657	21.298	ug/l	99
43) Isopropyl Acetate	8.271	43	33603	20.142	ug/l	98
44) Trichloroethene	8.941	130	37145	20.718	ug/l	97
45) 1,2-Dichloropropane	9.215	63	26629	20.851	ug/l	98
46) Dibromomethane	9.307	93	18098	21.402	ug/l	98
47) Bromodichloromethane	9.496	83	44476	20.285	ug/l	97
48) Methyl methacrylate	9.289	41	15183	19.911	ug/l	96
49) 1,4-Dioxane	9.295	88	4855	415.904	ug/l	96
51) 4-Methyl-2-Pentanone	10.069	43	90432	100.470	ug/l	100
52) Toluene	10.246	92	83215	20.835	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	45536	20.610	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	49481	20.696	ug/l	97
55) 1,1,2-Trichloroethane	10.642	97	26008	21.049	ug/l	96
56) Ethyl methacrylate	10.508	69	32097	20.676	ug/l	97
57) 1,3-Dichloropropane	10.788	76	42008	21.066	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	76228	109.247	ug/l	99
59) 2-Hexanone	10.831	43	66211	97.339	ug/l	100
60) Dibromochloromethane	10.983	129	34656	21.041	ug/l	98
61) 1,2-Dibromoethane	11.087	107	23779	20.539	ug/l	98
64) Tetrachloroethene	10.721	164	41891	21.544	ug/l	95
65) Chlorobenzene	11.514	112	90981	20.596	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	36790	21.252	ug/l	97
67) Ethyl Benzene	11.593	91	157384	20.294	ug/l	98
68) m/p-Xylenes	11.703	106	127832	41.295	ug/l	98
69) o-Xylene	12.032	106	61268	20.782	ug/l	100
70) Styrene	12.044	104	103541	20.709	ug/l	99
71) Bromoform	12.209	173	22898	20.927	ug/l #	100
73) Isopropylbenzene	12.331	105	163952	20.254	ug/l	100
74) N-amyl acetate	12.142	43	28429	19.401	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	25910	19.796	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	21495m	19.230	ug/l	
77) Bromobenzene	12.605	156	40907	20.850	ug/l	97
78) n-propylbenzene	12.672	91	188399	20.221	ug/l	100
79) 2-Chlorotoluene	12.758	91	108563	20.526	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	143748	20.629	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	10027	20.228	ug/l	98
82) 4-Chlorotoluene	12.855	91	114907	20.710	ug/l	99
83) tert-Butylbenzene	13.075	119	122315	20.017	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	141913	20.698	ug/l	100
85) sec-Butylbenzene	13.251	105	175922	20.124	ug/l	100
86) p-Isopropyltoluene	13.367	119	152289	20.081	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	79796	20.441	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	79301	20.280	ug/l	98
89) n-Butylbenzene	13.696	91	128791	19.870	ug/l	99
90) Hexachloroethane	13.959	117	28435	20.427	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	72518	20.650	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4711	18.087	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	42380	19.477	ug/l	99
94) Hexachlorobutadiene	15.111	225	26273	19.436	ug/l	99
95) Naphthalene	15.233	128	79450	19.020	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	36224	19.232	ug/l	99

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

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