

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010923\
 Data File : VY012106.D
 Acq On : 09 Jan 2023 13:21
 Operator : KP/MD
 Sample : VY0109SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0109SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 01/10/2023
 Supervised By :Mahesh Dadoda 01/10/2023

Quant Time: Jan 10 01:45:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 07 01:46:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	147619	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	226390	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	208306	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	111782	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	83032	50.057	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.120%			
35) Dibromofluoromethane	7.716	113	72588	48.782	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 97.560%			
50) Toluene-d8	10.179	98	279374	47.567	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 95.140%			
62) 4-Bromofluorobenzene	12.483	95	102932	50.138	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 100.280%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	27991	21.688	ug/l	97
3) Chloromethane	2.113	50	27561	24.026	ug/l	100
4) Vinyl Chloride	2.253	62	31067	21.654	ug/l	92
5) Bromomethane	2.643	94	25938	25.567	ug/l	91
6) Chloroethane	2.790	64	21955	23.098	ug/l	97
7) Trichlorofluoromethane	3.125	101	59580	20.845	ug/l	95
8) Diethyl Ether	3.534	74	19370	22.135	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.905	101	28114	19.104	ug/l	93
10) Methyl Iodide	4.094	142	42414	21.260	ug/l	94
11) Tert butyl alcohol	4.942	59	23977	104.505	ug/l #	93
12) 1,1-Dichloroethene	3.875	96	30429	21.091	ug/l	92
13) Acrolein	3.729	56	12549	130.032	ug/l	98
14) Allyl chloride	4.478	41	40428	20.787	ug/l #	88
15) Acrylonitrile	5.161	53	45077	109.637	ug/l	98
16) Acetone	3.948	43	41502	106.361	ug/l	97
17) Carbon Disulfide	4.198	76	94265	24.709	ug/l	99
18) Methyl Acetate	4.478	43	23375	20.825	ug/l	91
19) Methyl tert-butyl Ether	5.216	73	91313	21.503	ug/l #	90
20) Methylene Chloride	4.716	84	58901	33.787	ug/l	92
21) trans-1,2-Dichloroethene	5.216	96	35685	22.353	ug/l	90
22) Diisopropyl ether	6.118	45	86043	21.506	ug/l #	90
23) Vinyl Acetate	6.057	43	262137	108.272	ug/l #	94
24) 1,1-Dichloroethane	6.021	63	57738	21.695	ug/l	99
25) 2-Butanone	6.984	43	54260	105.398	ug/l	93
26) 2,2-Dichloropropane	6.978	77	60503	21.074	ug/l	98
27) cis-1,2-Dichloroethene	6.990	96	39513	21.670	ug/l	96
28) Bromochloromethane	7.332	49	13980	20.778	ug/l #	79
29) Tetrahydrofuran	7.344	42	31260	104.026	ug/l #	86
30) Chloroform	7.502	83	66064	21.777	ug/l	98
31) Cyclohexane	7.789	56	46502	20.099	ug/l	85
32) 1,1,1-Trichloroethane	7.703	97	62747	21.295	ug/l	98
36) 1,1-Dichloropropene	7.923	75	47131	20.877	ug/l	99
37) Ethyl Acetate	7.069	43	23840	19.722	ug/l #	94
38) Carbon Tetrachloride	7.899	117	59267	20.684	ug/l	98
39) Methylcyclohexane	9.185	83	53827	19.959	ug/l	93
40) Benzene	8.161	78	140291	21.326	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	11213m	17.056	ug/l	
42) 1,2-Dichloroethane	8.240	62	46119	22.143	ug/l	99
43) Isopropyl Acetate	8.277	43	41372	20.423	ug/l	95
44) Trichloroethene	8.941	130	40634	21.154	ug/l	95
45) 1,2-Dichloropropane	9.215	63	31070	21.197	ug/l	95
46) Dibromomethane	9.307	93	19751	21.405	ug/l	96
47) Bromodichloromethane	9.496	83	49164	20.955	ug/l	100
48) Methyl methacrylate	9.295	41	18232	20.092	ug/l	88
49) 1,4-Dioxane	9.295	88	5563	435.370	ug/l	92
51) 4-Methyl-2-Pentanone	10.069	43	110801	102.793	ug/l	97
52) Toluene	10.246	92	92686	21.286	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	52272	21.416	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	55607	21.059	ug/l	97
55) 1,1,2-Trichloroethane	10.642	97	28336	21.262	ug/l	96
56) Ethyl methacrylate	10.508	69	36606	20.968	ug/l	96
57) 1,3-Dichloropropane	10.788	76	46654	21.212	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	66633	104.347	ug/l	91
59) 2-Hexanone	10.831	43	78094	103.178	ug/l	95
60) Dibromochloromethane	10.983	129	37180	21.159	ug/l	99
61) 1,2-Dibromoethane	11.087	107	26830	21.034	ug/l	98
64) Tetrachloroethene	10.721	164	42606	20.879	ug/l	98
65) Chlorobenzene	11.520	112	99897	20.998	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	38862	21.158	ug/l	97
67) Ethyl Benzene	11.593	91	176516	20.758	ug/l	98
68) m/p-Xylenes	11.703	106	141720	42.493	ug/l	98
69) o-Xylene	12.032	106	66352	20.894	ug/l	100
70) Styrene	12.044	104	116360	21.571	ug/l	100
71) Bromoform	12.209	173	24676	21.144	ug/l #	99
73) Isopropylbenzene	12.331	105	181269	20.494	ug/l	99
74) N-amyl acetate	12.142	43	36509	19.994	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	29611	19.901	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	25653m	20.099	ug/l	
77) Bromobenzene	12.611	156	44184	20.944	ug/l	92
78) n-propylbenzene	12.672	91	208690	20.211	ug/l	99
79) 2-Chlorotoluene	12.757	91	119344	20.206	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	157600	20.774	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	11740	20.428	ug/l	98
82) 4-Chlorotoluene	12.855	91	125493	20.314	ug/l	99
83) tert-Butylbenzene	13.074	119	131519	19.786	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	156131	20.791	ug/l	100
85) sec-Butylbenzene	13.251	105	189805	19.867	ug/l	97
86) p-Isopropyltoluene	13.373	119	165599	20.007	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	86221	20.389	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	85519	20.245	ug/l	100
89) n-Butylbenzene	13.696	91	142936	19.928	ug/l	98
90) Hexachloroethane	13.958	117	30327	19.750	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	77705	20.626	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6019	20.354	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	46055	19.608	ug/l	100
94) Hexachlorobutadiene	15.117	225	27884	19.676	ug/l	99
95) Naphthalene	15.239	128	92254	19.847	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	39948	19.562	ug/l	100

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

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