

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020123\
 Data File : VY012435.D
 Acq On : 01 Feb 2023 12:19
 Operator : KP/MD
 Sample : VY0201SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0201SBS01

Manual Integrations
 APPROVED

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

Quant Time: Feb 01 23:02:43 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

Supervised By :Mahesh
 Dadoda
 02/02/2023

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	180197	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	272530	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	248451	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	129158	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	69951	46.563	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.120%		
35) Dibromofluoromethane	7.716	113	66344	45.975	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	91.940%		
50) Toluene-d8	10.179	98	234900	46.695	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	93.380%		
62) 4-Bromofluorobenzene	12.483	95	92238	45.342	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	90.680%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	31451	19.972	ug/l	98
3) Chloromethane	2.113	50	28076	19.313	ug/l	99
4) Vinyl Chloride	2.253	62	34430	20.291	ug/l	100
5) Bromomethane	2.644	94	27742	21.147	ug/l	98
6) Chloroethane	2.790	64	23165	20.933	ug/l	100
7) Trichlorofluoromethane	3.125	101	69680	21.041	ug/l	99
8) Diethyl Ether	3.534	74	19562	19.851	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.899	101	34793	21.587	ug/l	95
10) Methyl Iodide	4.094	142	42087	17.182	ug/l	97
11) Tert butyl alcohol	4.942	59	34220	190.112	ug/l #	90
12) 1,1-Dichloroethene	3.875	96	34691	20.961	ug/l	93
13) Acrolein	3.729	56	8110	102.799	ug/l	96
14) Allyl chloride	4.479	41	41700	20.378	ug/l #	87
15) Acrylonitrile	5.161	53	45669	106.099	ug/l	99
16) Acetone	3.948	43	48678	97.013	ug/l	99
17) Carbon Disulfide	4.192	76	97860	19.117	ug/l	100
18) Methyl Acetate	4.479	43	23404	20.845	ug/l	90
19) Methyl tert-butyl Ether	5.222	73	93665	20.302	ug/l	95
20) Methylene Chloride	4.716	84	53735	20.962	ug/l	90
21) trans-1,2-Dichloroethene	5.216	96	37989	20.570	ug/l	90
22) Diisopropyl ether	6.118	45	86516	21.207	ug/l #	89
23) Vinyl Acetate	6.064	43	260053	102.295	ug/l #	94
24) 1,1-Dichloroethane	6.021	63	59448	21.008	ug/l	97
25) 2-Butanone	6.984	43	58539	105.677	ug/l #	85
26) 2,2-Dichloropropane	6.984	77	66264	21.571	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	42591	20.995	ug/l	95
28) Bromochloromethane	7.338	49	12244	19.812	ug/l #	72
29) Tetrahydrofuran	7.344	42	31565	103.738	ug/l #	82
30) Chloroform	7.508	83	68527	20.515	ug/l	99
31) Cyclohexane	7.783	56	54071	20.581	ug/l	89
32) 1,1,1-Trichloroethane	7.704	97	68384	20.679	ug/l	98
36) 1,1-Dichloropropene	7.917	75	51463	20.984	ug/l	97
37) Ethyl Acetate	7.070	43	22936	21.214	ug/l #	95
38) Carbon Tetrachloride	7.899	117	65855	20.791	ug/l	99
39) Methylcyclohexane	9.185	83	63643	21.235	ug/l	94
40) Benzene	8.161	78	149573	21.131	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	11148m	17.542	ug/l	
42) 1,2-Dichloroethane	8.240	62	46147	20.478	ug/l	98
43) Isopropyl Acetate	8.271	43	41854	20.808	ug/l #	93
44) Trichloroethene	8.941	130	44092	20.840	ug/l	98
45) 1,2-Dichloropropane	9.215	63	31794	21.526	ug/l	96
46) Dibromomethane	9.307	93	20855	21.091	ug/l	95
47) Bromodichloromethane	9.496	83	52213	20.977	ug/l	98
48) Methyl methacrylate	9.295	41	19232	20.751	ug/l	91
49) 1,4-Dioxane	9.307	88	5540	411.177	ug/l	89
51) 4-Methyl-2-Pentanone	10.069	43	113109	105.455	ug/l	94
52) Toluene	10.246	92	99362	21.082	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	52920	20.326	ug/l	96
54) cis-1,3-Dichloropropene	9.929	75	59067	21.067	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	30276	21.551	ug/l	95
56) Ethyl methacrylate	10.508	69	37709	20.460	ug/l	96
57) 1,3-Dichloropropane	10.788	76	49121	21.410	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	63594	104.279	ug/l	90
59) 2-Hexanone	10.831	43	84597	103.596	ug/l	93
60) Dibromochloromethane	10.983	129	38516	20.671	ug/l	98
61) 1,2-Dibromoethane	11.087	107	28470	21.002	ug/l	97
64) Tetrachloroethene	10.721	164	50539	22.293	ug/l	96
65) Chlorobenzene	11.514	112	105816	20.816	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	40938	21.336	ug/l	99
67) Ethyl Benzene	11.593	91	191912	21.124	ug/l	98
68) m/p-Xylenes	11.703	106	153773	42.809	ug/l	97
69) o-Xylene	12.032	106	71246	20.765	ug/l	97
70) Styrene	12.044	104	120766	21.066	ug/l	99
71) Bromoform	12.209	173	26721	21.797	ug/l #	98
73) Isopropylbenzene	12.331	105	197411	21.196	ug/l	99
74) N-amyl acetate	12.142	43	36299	19.882	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	30775	20.979	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	21529m	18.127	ug/l	
77) Bromobenzene	12.611	156	46657	20.819	ug/l	92
78) n-propylbenzene	12.672	91	229513	21.059	ug/l	98
79) 2-Chlorotoluene	12.758	91	127146	20.634	ug/l	95
80) 1,3,5-Trimethylbenzene	12.812	105	170630	21.075	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	12324	21.381	ug/l	98
82) 4-Chlorotoluene	12.855	91	135788	20.979	ug/l	98
83) tert-Butylbenzene	13.075	119	144983	20.546	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	169108	21.180	ug/l	99
85) sec-Butylbenzene	13.251	105	214860	21.386	ug/l	98
86) p-Isopropyltoluene	13.367	119	184962	21.071	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	92990	20.863	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	91561	20.598	ug/l	100
89) n-Butylbenzene	13.696	91	161745	21.263	ug/l	98
90) Hexachloroethane	13.959	117	33348	21.044	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	81580	20.512	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	5820	19.197	ug/l	89
93) 1,2,4-Trichlorobenzene	15.007	180	47734	18.731	ug/l	98
94) Hexachlorobutadiene	15.111	225	31714	20.670	ug/l	98
95) Naphthalene	15.233	128	90660	18.024	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	41431	18.893	ug/l	99

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

