

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110722\
 Data File : VY011348.D
 Acq On : 07 Nov 2022 20:12
 Operator : KP/MD
 Sample : N5378-04MSD
 Misc : 4.61g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-16-20221028-10.5-11.5MSD

Quant Time: Nov 08 03:31:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 01 11:56:18 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 11/08/2022
 Supervised By :Mahesh Dadoda 11/08/2022

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	188661	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	298619	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	261167	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	119367	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	103990	51.538	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.080%			
35) Dibromofluoromethane	7.716	113	106661	55.593	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.180%			
50) Toluene-d8	10.179	98	379547	50.951	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 101.900%			
62) 4-Bromofluorobenzene	12.477	95	128650	49.747	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 99.500%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	72223	48.296	ug/l	99
3) Chloromethane	2.113	50	93167	44.535	ug/l	95
4) Vinyl Chloride	2.247	62	109904	47.031	ug/l	99
5) Bromomethane	2.650	94	76758	49.235	ug/l	99
6) Chloroethane	2.790	64	72578	48.333	ug/l	99
7) Trichlorofluoromethane	3.119	101	173198	50.168	ug/l	94
8) Diethyl Ether	3.528	74	65914	53.209	ug/l	79
9) 1,1,2-Trichlorotrifluo...	3.899	101	105739	50.943	ug/l	95
10) Methyl Iodide	4.088	142	136229	50.987	ug/l	90
11) Tert butyl alcohol	4.954	59	56455	274.320	ug/l #	95
12) 1,1-Dichloroethene	3.869	96	104129	50.741	ug/l	83
13) Acrolein	3.723	56	4040	20.603	ug/l	98
14) Allyl chloride	4.479	41	134840	43.377	ug/l #	84
15) Acrylonitrile	5.155	53	180687	290.679	ug/l	97
16) Acetone	3.942	43	203202	333.622	ug/l #	83
17) Carbon Disulfide	4.186	76	301541	44.737	ug/l	99
18) Methyl Acetate	4.473	43	109933	68.175	ug/l #	85
19) Methyl tert-butyl Ether	5.216	73	309281	56.714	ug/l	97
20) Methylene Chloride	4.710	84	161931	66.687	ug/l #	79
21) trans-1,2-Dichloroethene	5.216	96	118235	50.655	ug/l	88
22) Diisopropyl ether	6.112	45	333850	51.800	ug/l #	90
23) Vinyl Acetate	6.058	43	861409	218.980	ug/l #	89
24) 1,1-Dichloroethane	6.015	63	204060	50.559	ug/l	98
25) 2-Butanone	6.978	43	239768	279.777	ug/l #	83
26) 2,2-Dichloropropane	6.978	77	168868	45.757	ug/l	92
27) cis-1,2-Dichloroethene	6.978	96	136679	53.143	ug/l	84
28) Bromochloromethane	7.326	49	81590	52.627	ug/l #	76
29) Tetrahydrofuran	7.344	42	146067	292.772	ug/l #	80
30) Chloroform	7.502	83	214110	52.524	ug/l	99
31) Cyclohexane	7.783	56	166502	44.521	ug/l	89
32) 1,1,1-Trichloroethane	7.698	97	187835	51.951	ug/l	94
36) 1,1-Dichloropropene	7.911	75	159990	51.063	ug/l	97
37) Ethyl Acetate	7.070	43	93903	55.596	ug/l #	91
38) Carbon Tetrachloride	7.899	117	170952	52.592	ug/l	98
39) Methylcyclohexane	9.179	83	166678	43.727	ug/l	89
40) Benzene	8.155	78	475154	51.600	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	46106m	50.238	ug/l	
42) 1,2-Dichloroethane	8.234	62	135048	54.007	ug/l	89
43) Isopropyl Acetate	8.271	43	163191	54.840	ug/l #	86
44) Trichloroethene	8.935	130	129663	52.615	ug/l	98
45) 1,2-Dichloropropane	9.209	63	119441	52.466	ug/l	94
46) Dibromomethane	9.301	93	71565	55.637	ug/l	97
47) Bromodichloromethane	9.490	83	165319	54.217	ug/l	98
48) Methyl methacrylate	9.289	41	76732	56.138	ug/l #	76
49) 1,4-Dioxane	9.289	88	23868	1379.302	ug/l #	82
51) 4-Methyl-2-Pentanone	10.069	43	475357	293.787	ug/l #	84
52) Toluene	10.240	92	298630	52.301	ug/l	96
53) t-1,3-Dichloropropene	10.459	75	167693	52.220	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	192144	52.292	ug/l #	81
55) 1,1,2-Trichloroethane	10.642	97	104643	56.763	ug/l	97
56) Ethyl methacrylate	10.508	69	143519	58.937	ug/l #	73
57) 1,3-Dichloropropane	10.788	76	175377	55.578	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	353973	310.067	ug/l	94
59) 2-Hexanone	10.831	43	329658	285.380	ug/l	81
60) Dibromochloromethane	10.984	129	124064	56.641	ug/l	100
61) 1,2-Dibromoethane	11.087	107	100692	57.531	ug/l	100
64) Tetrachloroethene	10.715	164	122533	55.234	ug/l	96
65) Chlorobenzene	11.514	112	309929	53.789	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	120695	56.890	ug/l	98
67) Ethyl Benzene	11.587	91	544800	53.303	ug/l	99
68) m/p-Xylenes	11.697	106	425258	107.185	ug/l	93
69) o-Xylene	12.026	106	203457	54.706	ug/l	94
70) Styrene	12.044	104	331899	52.643	ug/l	95
71) Bromoform	12.203	173	82014	62.196	ug/l #	99
73) Isopropylbenzene	12.325	105	506275	56.728	ug/l	100
74) N-amyl acetate	12.142	43	122764	54.798	ug/l #	82
75) 1,1,2,2-Tetrachloroethane	12.581	83	121241	65.649	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	88788m	61.099	ug/l	
77) Bromobenzene	12.605	156	125234	59.656	ug/l	99
78) n-propylbenzene	12.666	91	574283	52.587	ug/l	98
79) 2-Chlorotoluene	12.752	91	335318	53.589	ug/l	97
80) 1,3,5-Trimethylbenzene	12.813	105	401527	53.168	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	41138	60.584	ug/l #	82
82) 4-Chlorotoluene	12.849	91	345830	53.632	ug/l	98
83) tert-Butylbenzene	13.075	119	341423	52.468	ug/l	93
84) 1,2,4-Trimethylbenzene	13.117	105	402662	53.910	ug/l	99
85) sec-Butylbenzene	13.251	105	462039	47.889	ug/l	100
86) p-Isopropyltoluene	13.367	119	387956	48.243	ug/l	97
87) 1,3-Dichlorobenzene	13.361	146	219871	52.233	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	220945	52.335	ug/l	99
89) n-Butylbenzene	13.696	91	309052	41.156	ug/l	98
90) Hexachloroethane	13.959	117	73252	45.547	ug/l	93
91) 1,2-Dichlorobenzene	13.733	146	201789	53.667	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	20744	65.569	ug/l	77
93) 1,2,4-Trichlorobenzene	15.007	180	89769	39.501	ug/l	99
94) Hexachlorobutadiene	15.111	225	37148	28.073	ug/l	98
95) Naphthalene	15.233	128	264237	49.749	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	78500	39.306	ug/l	98

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

