

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041922\
 Data File : VY008390.D
 Acq On : 19 Apr 2022 12:24
 Operator : KP/MD
 Sample : VY0419SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0419SBS01

Quant Time: Apr 19 13:28:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 08 16:02:50 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 04/20/2022
 Supervised By :Mahesh Dadoda 04/20/2022

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	133604	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	226774	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	207253	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	99675	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	60042	47.843	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.680%
35) Dibromofluoromethane	7.722	113	64303	49.093	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.180%
50) Toluene-d8	10.179	98	222765	49.703	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.400%
62) 4-Bromofluorobenzene	12.483	95	79226	46.997	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.000%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	17483	15.801	ug/l	97
3) Chloromethane	2.113	50	26238	17.293	ug/l	94
4) Vinyl Chloride	2.253	62	35347	18.571	ug/l	99
5) Bromomethane	2.644	94	33993	20.292	ug/l	99
6) Chloroethane	2.790	64	24571	18.431	ug/l	97
7) Trichlorofluoromethane	3.125	101	39870	17.604	ug/l	99
8) Diethyl Ether	3.528	74	13643	16.669	ug/l	72
9) 1,1,2-Trichlorotrifluo...	3.899	101	24835	16.881	ug/l	95
10) Methyl Iodide	4.094	142	23777	16.162	ug/l	93
11) Tert butyl alcohol	4.954	59	17884	133.297	ug/l	99
12) 1,1-Dichloroethene	3.869	96	22593	17.145	ug/l	82
13) Acrolein	3.729	56	5286	50.037	ug/l	93
14) Allyl chloride	4.472	41	30605	17.796	ug/l #	92
15) Acrylonitrile	5.161	53	34188	85.401	ug/l	99
16) Acetone	3.948	43	27185	90.061	ug/l #	85
17) Carbon Disulfide	4.192	76	56464	16.242	ug/l	98
18) Methyl Acetate	4.479	43	17089	19.578	ug/l #	80
19) Methyl tert-butyl Ether	5.222	73	69621	17.120	ug/l	95
20) Methylene Chloride	4.710	84	29728	12.882	ug/l #	78
21) trans-1,2-Dichloroethene	5.222	96	26621	16.861	ug/l #	81
22) Diisopropyl ether	6.119	45	71481	17.617	ug/l #	91
23) Vinyl Acetate	6.058	43	227119	86.387	ug/l #	88
24) 1,1-Dichloroethane	6.015	63	46883	18.001	ug/l	98
25) 2-Butanone	6.990	43	42875	90.838	ug/l #	76
26) 2,2-Dichloropropane	6.984	77	43876	18.293	ug/l	96
27) cis-1,2-Dichloroethene	6.990	96	32162	17.169	ug/l	84
28) Bromochloromethane	7.338	49	16008	16.035	ug/l #	76
29) Tetrahydrofuran	7.350	42	27428	90.006	ug/l #	73
30) Chloroform	7.508	83	51151	17.588	ug/l	100
31) Cyclohexane	7.789	56	38867	17.127	ug/l #	83
32) 1,1,1-Trichloroethane	7.704	97	45281	17.799	ug/l	95
36) 1,1-Dichloropropene	7.917	75	37143	17.758	ug/l	97
37) Ethyl Acetate	7.070	43	20079	18.618	ug/l #	93
38) Carbon Tetrachloride	7.899	117	38744	17.218	ug/l	94
39) Methylcyclohexane	9.185	83	46040	17.108	ug/l #	85
40) Benzene	8.161	78	108726	17.457	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	11145m	18.472	ug/l	04/20/2022
42) 1,2-Dichloroethane	8.240	62	32360	17.908	ug/l	Supervised By :Mahesh Dadoda
43) Isopropyl Acetate	8.271	43	35838	17.905	ug/l #	85
44) Trichloroethene	8.941	130	30453	17.156	ug/l	99
45) 1,2-Dichloropropane	9.216	63	26920	17.693	ug/l	94
46) Dibromomethane	9.307	93	17325	17.204	ug/l	95
47) Bromodichloromethane	9.496	83	39936	17.634	ug/l	98
48) Methyl methacrylate	9.295	41	15385	18.082	ug/l #	76
49) 1,4-Dioxane	9.295	88	4753	365.737	ug/l #	74
51) 4-Methyl-2-Pentanone	10.069	43	99750	96.514	ug/l #	87
52) Toluene	10.246	92	72238	17.604	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	39602	17.158	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	44364	17.037	ug/l #	80
55) 1,1,2-Trichloroethane	10.642	97	24602	17.126	ug/l	96
56) Ethyl methacrylate	10.508	69	30112	17.098	ug/l #	77
57) 1,3-Dichloropropane	10.788	76	40364	17.498	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	56561	81.531	ug/l	90
59) 2-Hexanone	10.831	43	66877	94.039	ug/l	82
60) Dibromochloromethane	10.983	129	27736	16.529	ug/l	98
61) 1,2-Dibromoethane	11.087	107	23560	16.775	ug/l	98
64) Tetrachloroethene	10.721	164	26865	18.391	ug/l	96
65) Chlorobenzene	11.514	112	78252	17.410	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	29224	17.424	ug/l	97
67) Ethyl Benzene	11.593	91	138477	18.117	ug/l	99
68) m/p-Xylenes	11.703	106	109270	35.946	ug/l	93
69) o-Xylene	12.032	106	52212	17.700	ug/l	89
70) Styrene	12.044	104	84852	17.441	ug/l	95
71) Bromoform	12.209	173	16478	16.299	ug/l #	100
73) Isopropylbenzene	12.331	105	137861	18.603	ug/l	99
74) N-amyl acetate	12.142	43	31579	19.628	ug/l #	82
75) 1,1,2,2-Tetrachloroethane	12.581	83	29952	19.101	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	18963m	17.202	ug/l	
77) Bromobenzene	12.611	156	30731	16.923	ug/l	96
78) n-propylbenzene	12.672	91	164315	18.790	ug/l	98
79) 2-Chlorotoluene	12.758	91	91339	18.612	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	112104	18.448	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	9261	18.797	ug/l #	85
82) 4-Chlorotoluene	12.855	91	95515	18.939	ug/l	97
83) tert-Butylbenzene	13.075	119	103923	19.063	ug/l	92
84) 1,2,4-Trimethylbenzene	13.123	105	111920	18.611	ug/l	98
85) sec-Butylbenzene	13.257	105	153066	18.939	ug/l	99
86) p-Isopropyltoluene	13.373	119	124335	18.436	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	63436	17.638	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	63846	17.937	ug/l	97
89) n-Butylbenzene	13.696	91	115306	18.923	ug/l	100
90) Hexachloroethane	13.965	117	23560	18.690	ug/l	79
91) 1,2-Dichlorobenzene	13.739	146	57001	17.814	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4283	19.090	ug/l	84
93) 1,2,4-Trichlorobenzene	15.007	180	32088	16.955	ug/l	98
94) Hexachlorobutadiene	15.117	225	16305	16.970	ug/l	96
95) Naphthalene	15.239	128	68662	16.937	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	27685	16.717	ug/l	96

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

04/20/2022
 Supervised By :Mahesh
 Dadoda

04/20/2022

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