

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120523\
 Data File : VY016589.D
 Acq On : 05 Dec 2023 10:57
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/06/2023
 Supervised By :Semsettin Yesilyurt 12/06/2023

Quant Time: Dec 06 02:20:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 05 01:24:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.813	168	230867	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.709	114	334318	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	283455	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.446	152	131666	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	101413	47.526	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.060%
35) Dibromofluoromethane	7.740	113	104022	51.703	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.400%
50) Toluene-d8	10.197	98	401813	52.799	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	105.600%
62) 4-Bromofluorobenzene	12.501	95	130090	51.981	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	103.960%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	100194	49.131	ug/l	98
3) Chloromethane	2.125	50	94752	44.788	ug/l	98
4) Vinyl Chloride	2.265	62	99296	46.477	ug/l	96
5) Bromomethane	2.668	94	64019	47.837	ug/l	95
6) Chloroethane	2.814	64	62804	47.591	ug/l	96
7) Trichlorofluoromethane	3.143	101	210469	52.112	ug/l	98
8) Diethyl Ether	3.546	74	52305	46.500	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.924	101	115685	51.220	ug/l	97
10) Methyl Iodide	4.119	142	132654	55.589	ug/l	100
11) Tert butyl alcohol	4.978	59	31399	215.969	ug/l #	95
12) 1,1-Dichloroethene	3.899	96	105727	51.531	ug/l	89
13) Acrolein	3.747	56	46996	222.345	ug/l	98
14) Allyl chloride	4.503	41	153339	48.972	ug/l	95
15) Acrylonitrile	5.186	53	99520	219.207	ug/l	98
16) Acetone	3.966	43	97869	202.684	ug/l	98
17) Carbon Disulfide	4.222	76	289122	50.262	ug/l	97
18) Methyl Acetate	4.503	43	87532	45.732	ug/l	92
19) Methyl tert-butyl Ether	5.247	73	244038	48.386	ug/l	99
20) Methylene Chloride	4.747	84	102644	48.090	ug/l	90
21) trans-1,2-Dichloroethene	5.247	96	118775	51.480	ug/l	95
22) Diisopropyl ether	6.149	45	303086	47.066	ug/l	89
23) Vinyl Acetate	6.088	43	703535	227.579	ug/l #	94
24) 1,1-Dichloroethane	6.045	63	192625	48.689	ug/l	95
25) 2-Butanone	7.008	43	132943	200.223	ug/l	94
26) 2,2-Dichloropropane	7.008	77	194990	52.427	ug/l	98
27) cis-1,2-Dichloroethene	7.015	96	128297	50.517	ug/l	92
28) Bromochloromethane	7.362	49	71407	44.560	ug/l #	79
29) Tetrahydrofuran	7.368	42	80775	213.377	ug/l	91
30) Chloroform	7.533	83	209327	49.637	ug/l	97
31) Cyclohexane	7.807	56	169966	46.659	ug/l	92
32) 1,1,1-Trichloroethane	7.728	97	208736	52.301	ug/l	98
36) 1,1-Dichloropropene	7.941	75	161314	52.745	ug/l	98
37) Ethyl Acetate	7.100	43	55497	43.366	ug/l #	93
38) Carbon Tetrachloride	7.923	117	195784	55.297	ug/l	98
39) Methylcyclohexane	9.203	83	199060	54.022	ug/l	91
40) Benzene	8.185	78	443299	51.424	ug/l	99

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41) Methacrylonitrile	7.332	41	36181m	48.952	ug/l	
42) 1,2-Dichloroethane	8.258	62	125839	50.274	ug/l	96
43) Isopropyl Acetate	8.295	43	114756	46.483	ug/l #	91
44) Trichloroethene	8.959	130	137382	52.846	ug/l	98
45) 1,2-Dichloropropane	9.234	63	101464	48.889	ug/l	99
46) Dibromomethane	9.325	93	56216	49.410	ug/l	96
47) Bromodichloromethane	9.520	83	154298	50.941	ug/l	99
48) Methyl methacrylate	9.313	41	66352	46.538	ug/l	92
49) 1,4-Dioxane	9.325	88	10597	920.198	ug/l #	60
51) 4-Methyl-2-Pentanone	10.087	43	287259	223.900	ug/l	93
52) Toluene	10.264	92	287296	53.175	ug/l	94
53) t-1,3-Dichloropropene	10.483	75	145962	51.060	ug/l	99
54) cis-1,3-Dichloropropene	9.947	75	172954	51.516	ug/l	94
55) 1,1,2-Trichloroethane	10.666	97	79305	50.039	ug/l	92
56) Ethyl methacrylate	10.526	69	72199	49.699	ug/l	89
57) 1,3-Dichloropropane	10.807	76	130342	48.684	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.801	63	229314	256.141	ug/l	91
59) 2-Hexanone	10.849	43	208001	214.311	ug/l	92
60) Dibromochloromethane	11.002	129	107975	50.990	ug/l	100
61) 1,2-Dibromoethane	11.105	107	74933	50.268	ug/l	100
64) Tetrachloroethene	10.739	164	139530	53.711	ug/l	96
65) Chlorobenzene	11.532	112	305094	53.141	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.605	131	119561	53.282	ug/l	99
67) Ethyl Benzene	11.611	91	551838	53.595	ug/l	98
68) m/p-Xylenes	11.721	106	423798	108.423	ug/l	95
69) o-Xylene	12.050	106	199159	54.580	ug/l	96
70) Styrene	12.062	104	285158	54.467	ug/l	99
71) Bromoform	12.227	173	61457	50.721	ug/l #	99
73) Isopropylbenzene	12.349	105	554369	56.861	ug/l	99
74) N-amyl acetate	12.160	43	92166	47.409	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.599	83	76410	49.275	ug/l	98
76) 1,2,3-Trichloropropane	12.648	75	57908m	48.688	ug/l	
77) Bromobenzene	12.629	156	126952	55.250	ug/l	87
78) n-propylbenzene	12.690	91	631687	55.666	ug/l	97
79) 2-Chlorotoluene	12.776	91	346236	54.146	ug/l	97
80) 1,3,5-Trimethylbenzene	12.831	105	441998	55.793	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.398	75	25602	48.558	ug/l	98
82) 4-Chlorotoluene	12.873	91	352566	53.284	ug/l	97
83) tert-Butylbenzene	13.093	119	402404	56.852	ug/l	98
84) 1,2,4-Trimethylbenzene	13.135	105	433432	56.013	ug/l	97
85) sec-Butylbenzene	13.270	105	556326	55.962	ug/l	97
86) p-Isopropyltoluene	13.385	119	491585	56.966	ug/l	99
87) 1,3-Dichlorobenzene	13.385	146	236727	53.970	ug/l	100
88) 1,4-Dichlorobenzene	13.465	146	230972	53.656	ug/l	99
89) n-Butylbenzene	13.715	91	432775	55.766	ug/l	95
90) Hexachloroethane	13.977	117	91747	54.034	ug/l	99
91) 1,2-Dichlorobenzene	13.757	146	198767	52.781	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.373	75	12439	50.127	ug/l	94
93) 1,2,4-Trichlorobenzene	15.025	180	114846	54.044	ug/l	98
94) Hexachlorobutadiene	15.129	225	74576	55.546	ug/l	99
95) Naphthalene	15.257	128	185472	53.520	ug/l	98
96) 1,2,3-Trichlorobenzene	15.440	180	90883	54.264	ug/l	98

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

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