

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082323\
 Data File : VY015305.D
 Acq On : 24 Aug 2023 00:48
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 24 02:41:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/24/2023
 Supervised By :Semsettin Yesilyurt 08/24/2023

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	142706	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	239695	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	219683	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	112244	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	91250	53.267	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.540%			
35) Dibromofluoromethane	7.715	113	80818	52.410	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.820%			
50) Toluene-d8	10.178	98	291146	50.719	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.440%			
62) 4-Bromofluorobenzene	12.477	95	104234	49.715	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 99.420%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.905	85	27957	45.271	ug/l	95
3) Chloromethane	2.107	50	41340	48.383	ug/l	98
4) Vinyl Chloride	2.247	62	51684	45.514	ug/l	97
5) Bromomethane	2.637	94	47012	60.950	ug/l	95
6) Chloroethane	2.789	64	41865	50.779	ug/l	97
7) Trichlorofluoromethane	3.119	101	94174	49.218	ug/l	99
8) Diethyl Ether	3.527	74	40874	54.468	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.899	101	59118	49.713	ug/l	96
10) Methyl Iodide	4.088	142	50819	43.520	ug/l	98
11) Tert butyl alcohol	4.960	59	64149	225.889	ug/l #	79
12) 1,1-Dichloroethene	3.869	96	47905	48.242	ug/l	92
13) Acrolein	3.728	56	13580	89.254	ug/l	99
14) Allyl chloride	4.478	41	87263	49.565	ug/l	98
15) Acrylonitrile	5.155	53	148193	291.405	ug/l	99
16) Acetone	3.948	43	122319	218.572	ug/l	94
17) Carbon Disulfide	4.192	76	74605	42.691	ug/l	99
18) Methyl Acetate	4.478	43	118302	57.686	ug/l	94
19) Methyl tert-butyl Ether	5.222	73	229603	54.379	ug/l	99
20) Methylene Chloride	4.716	84	83773	63.610	ug/l	91
21) trans-1,2-Dichloroethene	5.216	96	56689	50.611	ug/l	99
22) Diisopropyl ether	6.118	45	246264	56.057	ug/l	93
23) Vinyl Acetate	6.057	43	701364	267.562	ug/l	96
24) 1,1-Dichloroethane	6.015	63	128408	53.990	ug/l	98
25) 2-Butanone	6.984	43	214528	270.741	ug/l	96
26) 2,2-Dichloropropane	6.978	77	100805	43.966	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	82807	54.120	ug/l	94
28) Bromochloromethane	7.331	49	55760	51.030	ug/l	96
29) Tetrahydrofuran	7.350	42	135609	286.219	ug/l	93
30) Chloroform	7.502	83	146666	55.009	ug/l	94
31) Cyclohexane	7.789	56	77309	50.553	ug/l	91
32) 1,1,1-Trichloroethane	7.697	97	118337	52.158	ug/l	99
36) 1,1-Dichloropropene	7.910	75	84627	49.606	ug/l	99
37) Ethyl Acetate	7.069	43	88396	55.588	ug/l	97
38) Carbon Tetrachloride	7.898	117	99272	49.168	ug/l	95
39) Methylcyclohexane	9.185	83	89257	46.671	ug/l	93
40) Benzene	8.154	78	272264	52.787	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	39436m	48.094	ug/l	
42) 1,2-Dichloroethane	8.234	62	101360	54.111	ug/l	95
43) Isopropyl Acetate	8.270	43	157231	54.296	ug/l	99
44) Trichloroethene	8.941	130	76644	51.579	ug/l	96
45) 1,2-Dichloropropane	9.215	63	79240	54.482	ug/l	97
46) Dibromomethane	9.307	93	50093	54.609	ug/l	96
47) Bromodichloromethane	9.496	83	121141	55.342	ug/l	96
48) Methyl methacrylate	9.288	41	71411	57.647	ug/l	94
49) 1,4-Dioxane	9.294	88	19046	1038.319	ug/l #	60
51) 4-Methyl-2-Pentanone	10.069	43	489335	291.566	ug/l	95
52) Toluene	10.239	92	175224	51.543	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	114433	49.744	ug/l	100
54) cis-1,3-Dichloropropene	9.928	75	125022	51.604	ug/l	93
55) 1,1,2-Trichloroethane	10.642	97	76739	55.018	ug/l	99
56) Ethyl methacrylate	10.508	69	111356	54.553	ug/l	92
57) 1,3-Dichloropropane	10.788	76	125170	54.929	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	203826	214.564	ug/l	95
59) 2-Hexanone	10.831	43	347621	279.861	ug/l	93
60) Dibromochloromethane	10.983	129	90081	54.142	ug/l	99
61) 1,2-Dibromoethane	11.087	107	69263	52.274	ug/l	99
64) Tetrachloroethene	10.721	164	86059	56.228	ug/l	96
65) Chlorobenzene	11.514	112	204982	51.211	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	85936	52.913	ug/l	99
67) Ethyl Benzene	11.593	91	354612	50.565	ug/l	99
68) m/p-Xylenes	11.703	106	268140	100.670	ug/l	96
69) o-Xylene	12.026	106	134294	50.612	ug/l	99
70) Styrene	12.044	104	241429	52.571	ug/l	96
71) Bromoform	12.209	173	61432	52.179	ug/l #	99
73) Isopropylbenzene	12.330	105	363074	50.304	ug/l	100
74) N-amyl acetate	12.141	43	137124	52.620	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.580	83	103153	54.874	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	79458m	58.267	ug/l	
77) Bromobenzene	12.605	156	91167	51.819	ug/l	97
78) n-propylbenzene	12.672	91	436869	50.971	ug/l	100
79) 2-Chlorotoluene	12.757	91	253784	51.328	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	305860	50.837	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	29095	46.863	ug/l	98
82) 4-Chlorotoluene	12.855	91	261829	51.257	ug/l	99
83) tert-Butylbenzene	13.074	119	281035	51.069	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	307925	51.219	ug/l	99
85) sec-Butylbenzene	13.251	105	413575	51.292	ug/l	100
86) p-Isopropyltoluene	13.367	119	338536	50.641	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	181276	51.949	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	181879	51.966	ug/l	99
89) n-Butylbenzene	13.696	91	315223	50.011	ug/l	98
90) Hexachloroethane	13.958	117	66093	49.836	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	174342	53.481	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.354	75	19691	54.074	ug/l	91
93) 1,2,4-Trichlorobenzene	15.007	180	105668	50.491	ug/l	99
94) Hexachlorobutadiene	15.110	225	54871	48.201	ug/l	98
95) Naphthalene	15.232	128	273149	52.394	ug/l	99
96) 1,2,3-Trichlorobenzene	15.421	180	98341	52.031	ug/l	98

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

