

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062923\
 Data File : VD076649.D
 Acq On : 29 Jun 2023 20:23
 Operator : KP/SY
 Sample : VSTDCCC025EC
 Misc : 5.00G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025165

Quant Time: Jun 30 01:17:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 16 01:50:34 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa
 Patel

06/30/2023

Supervised By :Mahesh

Dadoda

06/30/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	242322	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	216785	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	108806	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.264	65	119547	20.258	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.040%
7) Chloroethane-d5	2.787	69	98508	20.644	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.560%
11) 1,1-Dichloroethene-d2	3.899	65	35876	23.290	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.160%
21) 2-Butanone-d5	6.987	46	44551	49.848	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.700%
24) Chloroform-d	7.563	84	160044	25.069	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.280%
26) 1,2-Dichloroethane-d4	8.228	65	83988	26.667	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.680%
32) Benzene-d6	8.199	84	306129	23.085	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.320%
36) 1,2-Dichloropropane-d6	9.210	67	95702	22.609	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.440%
41) Toluene-d8	10.269	98	285989	23.291	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.160%
43) trans-1,3-Dichloroprop...	10.528	79	40508	23.008	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.040%
47) 2-Hexanone-d5	10.875	63	33510	50.999	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.000%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	78551	26.084	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.320%
66) 1,2-Dichlorobenzene-d4	13.810	152	95311	23.898	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	98429	26.067	ug/L	98
3) Chloromethane	2.146	50	145246	23.139	ug/L	98
5) Vinyl chloride	2.275	62	147872	21.837	ug/L	98
6) Bromomethane	2.681	94	73154	19.504	ug/L	89
8) Chloroethane	2.828	64	90615	21.846	ug/L	96
9) Trichlorofluoromethane	3.158	101	134850	27.542	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.952	101	81984	25.814	ug/L	99
12) 1,1-Dichloroethene	3.934	96	73691	23.432	ug/L	90
13) Acetone	4.028	43	29585m	40.985	ug/L	
14) Carbon disulfide	4.264	76	258290	22.657	ug/L	96
15) Methyl Acetate	4.558	43	40963	24.858	ug/L #	71
16) Methylene chloride	4.793	84	95660	22.712	ug/L	88
17) trans-1,2-Dichloroethene	5.305	96	84003	23.958	ug/L	95
18) Methyl tert-butyl Ether	5.316	73	201604	25.256	ug/L #	90
19) 1,1-Dichloroethane	6.105	63	155394	24.241	ug/L	98
20) cis-1,2-Dichloroethene	7.075	96	94245	24.068	ug/L	95
22) 2-Butanone	7.081	43	52061	44.690	ug/L	99
23) Bromochloromethane	7.422	128	42295	25.450	ug/L	85
25) Chloroform	7.593	83	158932	25.405	ug/L	99

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27) 1,2-Dichloroethane	8.322	62	105380	27.391	ug/L	97
29) Cyclohexane	7.875	56	124769	21.643	ug/L	93
30) 1,1,1-Trichloroethane	7.787	97	136513	27.107	ug/L	97
31) Carbon tetrachloride	7.987	117	109010	27.065	ug/L	99
33) Benzene	8.246	78	340284	23.717	ug/L	100
34) Trichloroethene	9.022	95	90304	24.501	ug/L	94
35) Methylcyclohexane	9.275	83	136225	22.920	ug/L	97
37) 1,2-Dichloropropane	9.305	63	89717	22.936	ug/L #	96
38) Bromodichloromethane	9.581	83	116490	26.110	ug/L	98
39) cis-1,3-Dichloropropene	10.016	75	138481	23.184	ug/L	95
40) 4-Methyl-2-pentanone	10.157	43	119184	48.978	ug/L	99
42) Toluene	10.334	91	369636	24.108	ug/L	100
44) trans-1,3-Dichloropropene	10.552	75	119508	24.615	ug/L	99
45) 1,1,2-Trichloroethane	10.734	97	67136	25.022	ug/L	95
46) Tetrachloroethene	10.810	164	70338	24.275	ug/L	91
48) 2-Hexanone	10.922	43	85952	51.574	ug/L	98
49) Dibromochloromethane	11.075	129	79218	25.980	ug/L	99
50) 1,2-Dibromoethane	11.181	107	66492	25.533	ug/L	94
51) Chlorobenzene	11.604	112	235730	24.626	ug/L	98
52) Ethylbenzene	11.681	91	406218	24.581	ug/L	95
53) m,p-Xylene	11.793	106	153580	23.648	ug/L	96
54) o-Xylene	12.122	106	152424	24.649	ug/L	100
55) Styrene	12.134	104	265844	24.883	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.675	83	81469	26.569	ug/L	96
59) Bromoform	12.298	173	50706	26.032	ug/L #	97
60) Isopropylbenzene	12.422	105	392930	23.610	ug/L	99
61) 1,2,3-Trichloropropane	12.722	75	57351	27.160	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	312504	23.470	ug/L	100
63) 1,2,4-Trimethylbenzene	13.210	105	310350	23.620	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	178630	24.127	ug/L	98
65) 1,4-Dichlorobenzene	13.540	146	177368	23.766	ug/L	97
67) 1,2-Dichlorobenzene	13.828	146	161394	24.469	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.445	75	12344	26.231	ug/L #	82
69) 1,3,5-Trichlorobenzene	14.592	180	117111	23.714	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	105613	24.035	ug/L	97
71) Naphthalene	15.328	128	209962	24.957	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	92729	24.301	ug/L	97

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

