

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD063023\
 Data File : VD076680.D
 Acq On : 30 Jun 2023 23:11
 Operator : KP/SY
 Sample : VSTDCCC025EC
 Misc : 5.00G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025168

Quant Time: Jul 03 01:33:28 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 :Semsettin
 Yesilyurt
 07/03/2023

Supervised By :Mahesh
 Dadoda
 07/07/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	283087	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	254016	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	122222	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	123581	17.926	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	71.720%		
7) Chloroethane-d5	2.799	69	103881	18.635	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	74.560%		
11) 1,1-Dichloroethene-d2	3.917	65	36873	20.490	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	81.960%		
21) 2-Butanone-d5	6.981	46	45873	43.936	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	87.880%		
24) Chloroform-d	7.569	84	173030	23.200	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	92.800%		
26) 1,2-Dichloroethane-d4	8.228	65	92473	25.133	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	100.520%		
32) Benzene-d6	8.199	84	330404	21.263	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	85.040%		
36) 1,2-Dichloropropane-d6	9.210	67	101653	20.495	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	81.960%		
41) Toluene-d8	10.269	98	311337	21.639	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	86.560%		
43) trans-1,3-Dichloroprop...	10.522	79	45913	22.256	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	89.040%		
47) 2-Hexanone-d5	10.875	63	34957	45.403	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	90.800%		
56) 1,1,2,2-Tetrachloroeth...	12.651	84	80349	22.770	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	91.080%		
66) 1,2-Dichlorobenzene-d4	13.816	152	100603	22.456	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	89.840%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	123421	27.979	ug/L	98
3) Chloromethane	2.146	50	159042	21.688	ug/L	97
5) Vinyl chloride	2.281	62	168686	21.323	ug/L	90
6) Bromomethane	2.687	94	100796	23.004	ug/L	99
8) Chloroethane	2.834	64	106179	21.912	ug/L	99
9) Trichlorofluoromethane	3.170	101	171060	29.906	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	97832	26.368	ug/L	98
12) 1,1-Dichloroethene	3.934	96	89292	24.304	ug/L	91
13) Acetone	4.017	43	30908	36.652	ug/L	95
14) Carbon disulfide	4.264	76	295507	22.189	ug/L	99
15) Methyl Acetate	4.564	43	43455m	22.573	ug/L	
16) Methylene chloride	4.799	84	104852	21.310	ug/L	90
17) trans-1,2-Dichloroethene	5.311	96	97249	23.742	ug/L	98
18) Methyl tert-butyl Ether	5.316	73	228842	24.540	ug/L #	89
19) 1,1-Dichloroethane	6.111	63	178110	23.784	ug/L	93
20) cis-1,2-Dichloroethene	7.081	96	113259	24.759	ug/L	92
22) 2-Butanone	7.087	43	53854	39.572	ug/L	97
23) Bromochloromethane	7.428	128	50233	25.873	ug/L	85
25) Chloroform	7.593	83	193802	26.518	ug/L	98

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27) 1,2-Dichloroethane	8.322	62	119592	26.609	ug/L	95
29) Cyclohexane	7.875	56	154310	22.844	ug/L	93
30) 1,1,1-Trichloroethane	7.793	97	163838	27.764	ug/L	97
31) Carbon tetrachloride	7.987	117	140330	29.735	ug/L	99
33) Benzene	8.252	78	391497	23.287	ug/L	100
34) Trichloroethene	9.028	95	107056	24.789	ug/L	95
35) Methylcyclohexane	9.269	83	169115	24.284	ug/L	98
37) 1,2-Dichloropropane	9.304	63	101034	22.043	ug/L #	97
38) Bromodichloromethane	9.581	83	137027	26.212	ug/L	93
39) cis-1,3-Dichloropropene	10.016	75	162771	23.257	ug/L	96
40) 4-Methyl-2-pentanone	10.157	43	123282	43.237	ug/L	98
42) Toluene	10.334	91	436096	24.274	ug/L	98
44) trans-1,3-Dichloropropene	10.551	75	134015	23.557	ug/L	98
45) 1,1,2-Trichloroethane	10.728	97	75223	23.927	ug/L	94
46) Tetrachloroethene	10.804	164	83238	24.517	ug/L	92
48) 2-Hexanone	10.922	43	82526	42.260	ug/L #	98
49) Dibromochloromethane	11.075	129	93361	26.131	ug/L	94
50) 1,2-Dibromoethane	11.181	107	72874	23.882	ug/L	87
51) Chlorobenzene	11.604	112	279084	24.882	ug/L	97
52) Ethylbenzene	11.681	91	482468	24.915	ug/L	99
53) m,p-Xylene	11.793	106	184682	24.269	ug/L	96
54) o-Xylene	12.116	106	172689	23.833	ug/L	93
55) Styrene	12.134	104	302049	24.128	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.669	83	82493	22.960	ug/L #	93
59) Bromoform	12.298	173	55207	25.232	ug/L	97
60) Isopropylbenzene	12.422	105	474938	25.405	ug/L	99
61) 1,2,3-Trichloropropane	12.722	75	58115	24.501	ug/L	97
62) 1,3,5-Trimethylbenzene	12.904	105	379364	25.364	ug/L	100
63) 1,2,4-Trimethylbenzene	13.210	105	370507	25.103	ug/L	98
64) 1,3-Dichlorobenzene	13.457	146	201252	24.198	ug/L	97
65) 1,4-Dichlorobenzene	13.534	146	203383	24.260	ug/L	98
67) 1,2-Dichlorobenzene	13.828	146	181677	24.521	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.439	75	13443	25.431	ug/L	89
69) 1,3,5-Trichlorobenzene	14.592	180	138209	24.914	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	123091	24.938	ug/L	98
71) Naphthalene	15.328	128	240337	25.432	ug/L	99
72) 1,2,3-Trichlorobenzene	15.516	180	102892	24.005	ug/L	97

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

