

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062723\
 Data File : VD076606.D
 Acq On : 27 Jun 2023 21:25
 Operator : KP/SY
 Sample : VSTDCCC025EC
 Misc : 5.00G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025161

Quant Time: Jun 28 05:06:57 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 06/28/2023
 Supervised By :Mahesh Dadoda 06/28/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	222835	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	204593	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	104269	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	129116	23.793	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	95.160%		
7) Chloroethane-d5	2.793	69	102787	23.425	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	93.680%		
11) 1,1-Dichloroethene-d2	3.911	65	35383	24.979	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	99.920%		
21) 2-Butanone-d5	6.993	46	44336m	53.946	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	107.900%		
24) Chloroform-d	7.569	84	154754	26.360	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	105.440%		
26) 1,2-Dichloroethane-d4	8.228	65	79065	27.299	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	109.200%		
32) Benzene-d6	8.199	84	312763	24.990	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	99.960%		
36) 1,2-Dichloropropane-d6	9.210	67	97677	24.451	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	97.800%		
41) Toluene-d8	10.269	98	292243	25.218	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	100.880%		
43) trans-1,3-Dichloroprop...	10.528	79	40543	24.400	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	97.600%		
47) 2-Hexanone-d5	10.881	63	31667	51.066	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	102.140%		
56) 1,1,2,2-Tetrachloroeth...	12.651	84	81903	28.817	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	115.280%		
66) 1,2-Dichlorobenzene-d4	13.816	152	96300	25.197	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	100.800%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.928	85	90479	26.057	ug/L	100
3) Chloromethane	2.146	50	150485	26.070	ug/L	96
5) Vinyl chloride	2.275	62	154468	24.806	ug/L	95
6) Bromomethane	2.687	94	75877	21.999	ug/L	98
8) Chloroethane	2.828	64	95892	25.140	ug/L	93
9) Trichlorofluoromethane	3.164	101	127735	28.370	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.958	101	77123	26.407	ug/L	97
12) 1,1-Dichloroethene	3.934	96	74613	25.800	ug/L	92
13) Acetone	4.016	43	25957	39.103	ug/L	75
14) Carbon disulfide	4.263	76	271927	25.939	ug/L	99
15) Methyl Acetate	4.563	43	40329	26.614	ug/L #	90
16) Methylene chloride	4.799	84	94644	24.436	ug/L	90
17) trans-1,2-Dichloroethene	5.305	96	84061	26.072	ug/L	91
18) Methyl tert-butyl Ether	5.316	73	193572	26.371	ug/L #	91
19) 1,1-Dichloroethane	6.110	63	155066	26.306	ug/L	98
20) cis-1,2-Dichloroethene	7.075	96	95029	26.391	ug/L	94
22) 2-Butanone	7.081	43	53237	49.696	ug/L	98
23) Bromochloromethane	7.428	128	43607	28.534	ug/L	96
25) Chloroform	7.593	83	158129	27.487	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	100342	28.362	ug/L	98
29) Cyclohexane	7.875	56	125883	23.138	ug/L	95
30) 1,1,1-Trichloroethane	7.793	97	128936	27.128	ug/L	98
31) Carbon tetrachloride	7.987	117	104292	27.437	ug/L	99
33) Benzene	8.251	78	351723	25.975	ug/L	100
34) Trichloroethene	9.028	95	90488	26.014	ug/L	97
35) Methylcyclohexane	9.275	83	137481	24.510	ug/L	98
37) 1,2-Dichloropropane	9.304	63	95126	25.768	ug/L	100
38) Bromodichloromethane	9.587	83	115635	27.463	ug/L	99
39) cis-1,3-Dichloropropene	10.016	75	140945	25.003	ug/L	95
40) 4-Methyl-2-pentanone	10.157	43	118968	51.803	ug/L	99
42) Toluene	10.334	91	385872	26.667	ug/L	98
44) trans-1,3-Dichloropropene	10.551	75	118354	25.830	ug/L	96
45) 1,1,2-Trichloroethane	10.734	97	71005	28.041	ug/L	96
46) Tetrachloroethene	10.810	164	70186	25.666	ug/L	90
48) 2-Hexanone	10.922	43	80058	50.900	ug/L	99
49) Dibromochloromethane	11.075	129	79450	27.609	ug/L	93
50) 1,2-Dibromoethane	11.181	107	65420	26.619	ug/L	86
51) Chlorobenzene	11.610	112	238662	26.418	ug/L	94
52) Ethylbenzene	11.687	91	414007	26.545	ug/L	99
53) m,p-Xylene	11.792	106	160792	26.233	ug/L	96
54) o-Xylene	12.122	106	154875	26.538	ug/L	98
55) Styrene	12.134	104	274110	27.186	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.675	83	82889	28.643	ug/L	95
59) Bromoform	12.298	173	48999	26.250	ug/L #	98
60) Isopropylbenzene	12.422	105	403960	25.329	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	55466	27.410	ug/L	97
62) 1,3,5-Trimethylbenzene	12.904	105	317372	24.873	ug/L	97
63) 1,2,4-Trimethylbenzene	13.216	105	319420	25.368	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	184653	26.025	ug/L	99
65) 1,4-Dichlorobenzene	13.539	146	184549	25.804	ug/L	99
67) 1,2-Dichlorobenzene	13.834	146	162259	25.671	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.445	75	11908	26.405	ug/L	88
69) 1,3,5-Trichlorobenzene	14.592	180	116183	24.550	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	102729	24.396	ug/L	100
71) Naphthalene	15.333	128	204575	25.375	ug/L	98
72) 1,2,3-Trichlorobenzene	15.522	180	94201	25.761	ug/L	99

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

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