

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081123\
 Data File : VD076987.D
 Acq On : 11 Aug 2023 13:55
 Operator : JC/SY
 Sample : 03965-03MSD
 Misc : 5.21G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A4832MSD

Quant Time: Aug 12 02:22:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM080323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Aug 12 02:16:48 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Romaben Patel 08/15/2023
 Supervised By : Mahesh Dadoda 08/15/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	217343	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	195247	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	77399	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	122993	20.577	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	82.320%		
7) Chloroethane-d5	2.793	69	122801	22.224	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	88.880%		
11) 1,1-Dichloroethene-d2	3.905	65	29800m	21.041	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	84.160%		
21) 2-Butanone-d5	6.987	46	35399	36.888	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	73.780%		
24) Chloroform-d	7.569	84	170671	24.115	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	96.480%		
26) 1,2-Dichloroethane-d4	8.228	65	86144	24.417	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	97.680%		
32) Benzene-d6	8.198	84	325822	26.542	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	106.160%		
36) 1,2-Dichloropropane-d6	9.210	67	99394	26.335	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	105.320%		
41) Toluene-d8	10.269	98	295800	26.282	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	105.120%		
43) trans-1,3-Dichloroprop...	10.528	79	41168	24.126	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	96.520%		
47) 2-Hexanone-d5	10.875	63	32372	44.901	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	89.800%		
56) 1,1,2,2-Tetrachloroeth...	12.651	84	93547	25.650	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	102.600%		
66) 1,2-Dichlorobenzene-d4	13.816	152	71120	25.134	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	100.520%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.928	85	89804	24.928	ug/L	99
3) Chloromethane	2.146	50	123462	26.417	ug/L	99
5) Vinyl chloride	2.275	62	176780	26.450	ug/L	96
6) Bromomethane	2.687	94	113058	22.662	ug/L	90
8) Chloroethane	2.828	64	122162	27.151	ug/L	97
9) Trichlorofluoromethane	3.169	101	144840	26.174	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.963	101	83730	23.221	ug/L	98
12) 1,1-Dichloroethene	3.934	96	83208	26.024	ug/L	80
13) Acetone	4.022	43	28607	29.153	ug/L	98
14) Carbon disulfide	4.263	76	265038	23.883	ug/L	98
15) Methyl Acetate	4.558	43	29547	17.815	ug/L #	90
16) Methylene chloride	4.799	84	100359	22.013	ug/L	83
17) trans-1,2-Dichloroethene	5.310	96	91185	25.187	ug/L	86
18) Methyl tert-butyl Ether	5.316	73	215396	26.931	ug/L #	91
19) 1,1-Dichloroethane	6.110	63	155658	25.751	ug/L	91
20) cis-1,2-Dichloroethene	7.075	96	102647	25.399	ug/L	85
22) 2-Butanone	7.081	43	49326	35.928	ug/L	87
23) Bromochloromethane	7.422	128	50842	25.938	ug/L #	78
25) Chloroform	7.599	83	174485	26.356	ug/L	90

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27) 1,2-Dichloroethane	8.322	62	110236	26.568	ug/L	100
29) Cyclohexane	7.875	56	84744	19.717	ug/L #	82
30) 1,1,1-Trichloroethane	7.793	97	139895	28.917	ug/L	97
31) Carbon tetrachloride	7.987	117	110672	27.952	ug/L	98
33) Benzene	8.251	78	372053	29.071	ug/L	100
34) Trichloroethene	9.028	95	88518	26.559	ug/L	97
35) Methylcyclohexane	9.275	83	76939	14.156	ug/L	91
37) 1,2-Dichloropropane	9.304	63	92916	28.580	ug/L #	96
38) Bromodichloromethane	9.587	83	128784	28.765	ug/L	99
39) cis-1,3-Dichloropropene	10.016	75	138036	26.308	ug/L	99
40) 4-Methyl-2-pentanone	10.157	43	106696	52.088	ug/L #	88
42) Toluene	10.334	91	376003	27.018	ug/L	99
44) trans-1,3-Dichloropropene	10.551	75	118229	25.782	ug/L	98
45) 1,1,2-Trichloroethane	10.734	97	84631	29.290	ug/L	98
46) Tetrachloroethene	10.810	164	57555	22.913	ug/L	95
48) 2-Hexanone	10.922	43	75453	47.899	ug/L #	93
49) Dibromochloromethane	11.075	129	90730	28.226	ug/L	96
50) 1,2-Dibromoethane	11.175	107	79837	28.331	ug/L	100
51) Chlorobenzene	11.604	112	214812	23.692	ug/L	96
52) Ethylbenzene	11.687	91	345652	23.309	ug/L	100
53) m,p-Xylene	11.792	106	131938	23.058	ug/L	93
54) o-Xylene	12.122	106	129679	23.564	ug/L	99
55) Styrene	12.134	104	222589	22.370	ug/L	89
57) 1,1,2,2-Tetrachloroethane	12.675	83	91239	25.531	ug/L #	94
59) Bromoform	12.298	173	53278	34.709	ug/L #	97
60) Isopropylbenzene	12.422	105	280301	25.181	ug/L	98
61) 1,2,3-Trichloropropane	12.728	75	62587	34.647	ug/L	95
62) 1,3,5-Trimethylbenzene	12.904	105	191754	22.613	ug/L	100
63) 1,2,4-Trimethylbenzene	13.210	105	194216	23.014	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	109101	21.476	ug/L	98
65) 1,4-Dichlorobenzene	13.539	146	116416	22.170	ug/L	97
67) 1,2-Dichlorobenzene	13.828	146	103375	21.706	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.451	75	11498	27.779	ug/L #	84
69) 1,3,5-Trichlorobenzene	14.592	180	43642	13.728	ug/L	98
70) 1,2,4-trichlorobenzene	15.104	180	33999	12.158	ug/L	98
71) Naphthalene	15.333	128	98230	14.939	ug/L	98
72) 1,2,3-Trichlorobenzene	15.522	180	27822	10.970	ug/L	98

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

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