

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD033023\
 Data File : VD075550.D
 Acq On : 30 Mar 2023 17:09
 Operator : KP/SY
 Sample : VSTDCCC025EC
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025117

Quant Time: Mar 31 01:31:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM030123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 31 01:28:39 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 03/31/2023
 Supervised By :Mahesh Dadoda 04/03/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	252266	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	228478	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	123583	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.276	65	103373	16.504	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.000%
7) Chloroethane-d5	2.805	69	114395	21.104	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.400%
11) 1,1-Dichloroethene-d2	3.928	63	112604	19.246	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.000%
21) 2-Butanone-d5	6.993	46	30141m	51.927	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.860%
24) Chloroform-d	7.569	84	174886	26.454	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.800%
26) 1,2-Dichloroethane-d4	8.228	65	72974	25.479	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.920%
32) Benzene-d6	8.199	84	309652	22.821	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.280%
36) 1,2-Dichloropropane-d6	9.210	67	94557	24.656	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.640%
41) Toluene-d8	10.269	98	285123	23.034	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.120%
43) trans-1,3-Dichloroprop...	10.528	79	38838	24.782	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.120%
47) 2-Hexanone-d5	10.875	63	29863	53.977	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.960%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	95543	29.783	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	119.120%
66) 1,2-Dichlorobenzene-d4	13.816	152	112448	26.013	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	84101	21.670	ug/L	99
3) Chloromethane	2.146	50	114611	17.560	ug/L	99
5) Vinyl chloride	2.287	62	181363	22.096	ug/L	98
6) Bromomethane	2.699	94	125278	32.204	ug/L	98
8) Chloroethane	2.840	64	126988	24.602	ug/L	93
9) Trichlorofluoromethane	3.181	101	158128	25.735	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.970	101	108883	25.651	ug/L	96
12) 1,1-Dichloroethene	3.940	96	88078	23.564	ug/L	94
13) Acetone	4.017	43	29140	44.441	ug/L	94
14) Carbon disulfide	4.275	76	212957	20.376	ug/L	97
15) Methyl Acetate	4.558	43	24820	22.306	ug/L #	86
16) Methylene chloride	4.799	84	128242	24.070	ug/L	93
17) trans-1,2-Dichloroethene	5.317	96	98615	24.613	ug/L	94
18) Methyl tert-butyl Ether	5.317	73	183740	24.676	ug/L	98
19) 1,1-Dichloroethane	6.111	63	166743	24.601	ug/L	93
20) cis-1,2-Dichloroethene	7.081	96	116503	25.740	ug/L	91
22) 2-Butanone	7.081	43	34043	40.914	ug/L	91
23) Bromochloromethane	7.428	128	53070	27.369	ug/L	91
25) Chloroform	7.593	83	195105	26.399	ug/L	94

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27) 1,2-Dichloroethane	8.322	62	98437	24.699	ug/L	97
29) Cyclohexane	7.875	56	105799	21.641	ug/L	92
30) 1,1,1-Trichloroethane	7.793	97	165181	26.887	ug/L	96
31) Carbon tetrachloride	7.993	117	131718	26.994	ug/L	98
33) Benzene	8.252	78	415410	25.299	ug/L	100
34) Trichloroethene	9.028	95	107731	25.123	ug/L	96
35) Methylcyclohexane	9.269	83	158397	23.661	ug/L	96
37) 1,2-Dichloropropane	9.305	63	99225	24.592	ug/L	98
38) Bromodichloromethane	9.587	83	145494	27.259	ug/L	97
39) cis-1,3-Dichloropropene	10.016	75	156537	25.350	ug/L	98
40) 4-Methyl-2-pentanone	10.157	43	74511	48.154	ug/L	97
42) Toluene	10.334	91	477705	26.575	ug/L	97
44) trans-1,3-Dichloropropene	10.552	75	133169	26.175	ug/L	99
45) 1,1,2-Trichloroethane	10.734	97	90069	27.948	ug/L	98
46) Tetrachloroethene	10.810	164	85537	26.032	ug/L	95
48) 2-Hexanone	10.922	43	53365	46.874	ug/L #	97
49) Dibromochloromethane	11.075	129	100157	28.451	ug/L	95
50) 1,2-Dibromoethane	11.181	107	80717	27.708	ug/L	97
51) Chlorobenzene	11.610	112	309034	26.450	ug/L	99
52) Ethylbenzene	11.687	91	516921	27.041	ug/L	99
53) m,p-Xylene	11.793	106	202890	26.938	ug/L	100
54) o-Xylene	12.122	106	196067	27.519	ug/L	100
55) Styrene	12.134	104	359768	28.431	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.675	83	96745	27.429	ug/L	96
59) Bromoform	12.304	173	57960	25.991	ug/L	99
60) Isopropylbenzene	12.422	105	533803	25.683	ug/L	100
61) 1,2,3-Trichloropropane	12.728	75	59671	24.087	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	402709	25.810	ug/L	100
63) 1,2,4-Trimethylbenzene	13.216	105	400599	26.258	ug/L	98
64) 1,3-Dichlorobenzene	13.463	146	233825	25.431	ug/L	97
65) 1,4-Dichlorobenzene	13.540	146	242949	25.687	ug/L	97
67) 1,2-Dichlorobenzene	13.834	146	205936	25.138	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.445	75	11947	24.833	ug/L	89
69) 1,3,5-Trichlorobenzene	14.598	180	141894	24.610	ug/L	97
70) 1,2,4-trichlorobenzene	15.104	180	112300	24.224	ug/L	97
71) Naphthalene	15.334	128	215797	23.470	ug/L	99
72) 1,2,3-Trichlorobenzene	15.528	180	102850	25.170	ug/L	98

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

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