

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121224\
 Data File : VD080143.D
 Acq On : 12 Dec 2024 12:35
 Operator : RP/MD
 Sample : VSTDCCC025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025932

Quant Time: Dec 13 01:53:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM121124SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 12 00:57:48 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben Patel 12/13/2024
 Supervised By :Mahesh Dadoda 12/16/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	243499	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	231848	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	126270	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	117286	30.222	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	120.880%
7) Chloroethane-d5	2.799	69	102274	29.554	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	118.200%
11) 1,1-Dichloroethene-d2	3.916	65	31474	21.129	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.520%
21) 2-Butanone-d5	6.993	46	35403m	40.856	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.720%
24) Chloroform-d	7.563	84	155987	23.202	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.800%
26) 1,2-Dichloroethane-d4	8.234	65	83659	23.514	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.040%
32) Benzene-d6	8.199	84	317621	23.055	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.200%
36) 1,2-Dichloropropane-d6	9.204	67	103243	22.071	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.280%
41) Toluene-d8	10.269	98	297249	22.838	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.360%
43) trans-1,3-Dichloroprop...	10.522	79	40635	21.216	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.880%
47) 2-Hexanone-d5	10.875	63	29340	41.472	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.940%
56) 1,1,2,2-Tetrachloroeth...	12.645	84	86533	21.617	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.480%
66) 1,2-Dichlorobenzene-d4	13.816	152	103271	22.652	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	108012	24.064	ug/L	99
3) Chloromethane	2.152	50	120467	34.150	ug/L	99
5) Vinyl chloride	2.281	62	162726	33.365	ug/L	98
6) Bromomethane	2.693	94	93681	28.822	ug/L	97
8) Chloroethane	2.834	64	100290	30.847	ug/L	97
9) Trichlorofluoromethane	3.169	101	157087	22.072	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	91859	21.777	ug/L	99
12) 1,1-Dichloroethene	3.940	96	78858	21.417	ug/L	91
13) Acetone	4.022	43	53017	36.099	ug/L	99
14) Carbon disulfide	4.269	76	283385	23.723	ug/L	99
15) Methyl Acetate	4.563	43	34242	19.787	ug/L	96
16) Methylene chloride	4.805	84	95947	22.937	ug/L	94
17) trans-1,2-Dichloroethene	5.310	96	87795	23.551	ug/L	95
18) Methyl tert-butyl Ether	5.316	73	168612	21.026	ug/L #	99
19) 1,1-Dichloroethane	6.110	63	164597	23.151	ug/L	95
20) cis-1,2-Dichloroethene	7.081	96	96411	24.065	ug/L	94
22) 2-Butanone	7.081	43	55693	38.353	ug/L	98
23) Bromochloromethane	7.422	128	45099	23.096	ug/L	95
25) Chloroform	7.593	83	187726	23.353	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	105322	22.910	ug/L	97
29) Cyclohexane	7.881	56	126620	22.945	ug/L	99
30) 1,1,1-Trichloroethane	7.793	97	143180	21.325	ug/L	98
31) Carbon tetrachloride	7.993	117	126041	22.649	ug/L	100
33) Benzene	8.251	78	375507	22.424	ug/L	100
34) Trichloroethene	9.022	95	95431	20.968	ug/L	90
35) Methylcyclohexane	9.275	83	144854	22.707	ug/L	99
37) 1,2-Dichloropropane	9.304	63	99586	20.756	ug/L	100
38) Bromodichloromethane	9.581	83	126226	20.866	ug/L	96
39) cis-1,3-Dichloropropene	10.016	75	143206	20.915	ug/L	99
40) 4-Methyl-2-pentanone	10.157	43	95744	36.090	ug/L	98
42) Toluene	10.328	91	411924	22.674	ug/L	99
44) trans-1,3-Dichloropropene	10.551	75	123717	21.934	ug/L	96
45) 1,1,2-Trichloroethane	10.728	97	71267	20.653	ug/L	97
46) Tetrachloroethene	10.810	164	76030	24.121	ug/L	90
48) 2-Hexanone	10.922	43	85624	39.513	ug/L	95
49) Dibromochloromethane	11.075	129	84801	22.639	ug/L	100
50) 1,2-Dibromoethane	11.175	107	66268	21.659	ug/L	97
51) Chlorobenzene	11.604	112	250761	23.062	ug/L	99
52) Ethylbenzene	11.681	91	441841	24.492	ug/L	96
53) m,p-Xylene	11.792	106	170608	24.735	ug/L	93
54) o-Xylene	12.122	106	158824	24.001	ug/L	93
55) Styrene	12.134	104	288218	24.063	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.669	83	86641	19.707	ug/L	96
59) Bromoform	12.298	173	52362	21.559	ug/L	100
60) Isopropylbenzene	12.422	105	427458	23.784	ug/L	99
61) 1,2,3-Trichloropropane	12.722	75	58229	19.520	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	337877	22.549	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	338405	23.737	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	204683	23.413	ug/L	98
65) 1,4-Dichlorobenzene	13.539	146	209090	22.186	ug/L	96
67) 1,2-Dichlorobenzene	13.828	146	179550	21.269	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.445	75	12650	20.144	ug/L	97
69) 1,3,5-Trichlorobenzene	14.592	180	135709	22.472	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	107534	22.275	ug/L	99
71) Naphthalene	15.333	128	187960	20.494	ug/L	100
72) 1,2,3-Trichlorobenzene	15.522	180	101843	20.962	ug/L	96

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

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