

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111224\
 Data File : VD079990.D
 Acq On : 12 Nov 2024 10:08
 Operator : RP/MD
 Sample : VSTD2.544
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD2.5844

Quant Time: Nov 13 01:43:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM111224SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Nov 13 01:43:29 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben Patel 11/13/2024
 Supervised By :Mahesh Dadoda 11/13/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	217154	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	216592	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	100477	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	9887	3.055	ug/L	0.00
7) Chloroethane-d5	2.811	69	7810	2.909	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.922	65	3785m	2.853	ug/L	0.00
21) 2-Butanone-d5	6.981	46	3454m	5.026	ug/L	0.00
24) Chloroform-d	7.569	84	15406	2.498	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.228	65	9392	2.808	ug/L	0.00
32) Benzene-d6	8.199	84	32692	2.625	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	10538	2.623	ug/L	0.00
41) Toluene-d8	10.269	98	28329	2.499	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.522	79	3803	2.352	ug/L	0.00
47) 2-Hexanone-d5	10.875	63	2680	4.530	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	8252	2.564	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	8756	2.515	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	9364	2.836	ug/L	98
3) Chloromethane	2.152	50	7447	2.757	ug/L	95
5) Vinyl chloride	2.287	62	8445	2.490	ug/L	86
6) Bromomethane	2.705	94	5661	2.363	ug/L	94
8) Chloroethane	2.840	64	5392	2.497	ug/L	96
9) Trichlorofluoromethane	3.175	101	15964	2.815	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.958	101	9503m	2.757	ug/L	
12) 1,1-Dichloroethene	3.940	96	7358	2.529	ug/L	85
13) Acetone	4.028	43	3364	4.136	ug/L	85
14) Carbon disulfide	4.275	76	25174	2.590	ug/L	98
15) Methyl Acetate	4.581	43	3224m	2.549	ug/L	
16) Methylene chloride	4.793	84	9802m	2.720	ug/L	
17) trans-1,2-Dichloroethene	5.316	96	7972	2.484	ug/L	94
18) Methyl tert-butyl Ether	5.316	73	13188m	2.111	ug/L	
19) 1,1-Dichloroethane	6.110	63	14826	2.477	ug/L	99
20) cis-1,2-Dichloroethene	7.075	96	8586	2.457	ug/L	90
22) 2-Butanone	7.093	43	4598m	4.825	ug/L	
23) Bromochloromethane	7.434	128	4743	2.733	ug/L	88
25) Chloroform	7.593	83	20305	2.935	ug/L	89
27) 1,2-Dichloroethane	8.328	62	10785	2.669	ug/L	100
29) Cyclohexane	7.875	56	9860	2.106	ug/L #	85
30) 1,1,1-Trichloroethane	7.799	97	14893	2.687	ug/L	97
31) Carbon tetrachloride	7.987	117	13023	2.676	ug/L	96
33) Benzene	8.251	78	30403	2.246	ug/L	100
34) Trichloroethene	9.022	95	9251	2.549	ug/L	97
35) Methylcyclohexane	9.275	83	11994	2.261	ug/L	96
37) 1,2-Dichloropropane	9.298	63	9510	2.515	ug/L #	88
38) Bromodichloromethane	9.581	83	12256	2.544	ug/L	97
39) cis-1,3-Dichloropropene	10.016	75	12044	2.205	ug/L	95
40) 4-Methyl-2-pentanone	10.163	43	7785	4.361	ug/L	98
42) Toluene	10.328	91	32424	2.193	ug/L	94
44) trans-1,3-Dichloropropene	10.551	75	10651	2.264	ug/L	100

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45) 1,1,2-Trichloroethane	10.728	97	7493	2.601	ug/L	92
46) Tetrachloroethene	10.810	164	8583	2.780	ug/L	74
48) 2-Hexanone	10.916	43	5963	4.142	ug/L #	93
49) Dibromochloromethane	11.069	129	8533	2.515	ug/L	98
50) 1,2-Dibromoethane	11.175	107	6858	2.609	ug/L	79
51) Chlorobenzene	11.604	112	24359	2.513	ug/L	96
52) Ethylbenzene	11.681	91	34784	2.180	ug/L	98
53) m,p-Xylene	11.792	106	12008	2.007	ug/L	97
54) o-Xylene	12.116	106	11780	2.066	ug/L	96
55) Styrene	12.134	104	20817	2.029	ug/L	87
57) 1,1,2,2-Tetrachloroethane	12.669	83	9146	2.734	ug/L	98
59) Bromoform	12.298	173	5486	2.958	ug/L #	94
60) Isopropylbenzene	12.422	105	33521	2.441	ug/L	96
61) 1,2,3-Trichloropropane	12.722	75	5396	2.755	ug/L	96
62) 1,3,5-Trimethylbenzene	12.904	105	24745	2.294	ug/L	95
63) 1,2,4-Trimethylbenzene	13.210	105	24617	2.292	ug/L	94
64) 1,3-Dichlorobenzene	13.457	146	16584	2.460	ug/L	94
65) 1,4-Dichlorobenzene	13.534	146	18440	2.611	ug/L	93
67) 1,2-Dichlorobenzene	13.828	146	15880	2.549	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.451	75	1197	2.805	ug/L	91
69) 1,3,5-Trichlorobenzene	14.592	180	11527	2.531	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	10244	2.670	ug/L	96
71) Naphthalene	15.333	128	15516	2.367	ug/L	97
72) 1,2,3-Trichlorobenzene	15.522	180	8227	2.429	ug/L	93

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

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