

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120524\
 Data File : VD080100.D
 Acq On : 05 Dec 2024 10:17
 Operator : RP/MD
 Sample : VSTD2.550
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD2.5850

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/06/2024
 Supervised By :Semsettin Yesilyurt 12/06/2024

Quant Time: Dec 06 00:46:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM120524SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 06 00:46:05 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	261872	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	248895	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	120114	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	12535	2.675	ug/L	0.00
7) Chloroethane-d5	2.799	69	9199	2.516	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.922	65	4575m	2.972	ug/L	0.01
21) 2-Butanone-d5	6.993	46	3184m	3.734	ug/L	0.00
24) Chloroform-d	7.569	84	15791	2.173	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.228	65	8256	2.104	ug/L	0.00
32) Benzene-d6	8.199	84	32734	2.219	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	10676	2.309	ug/L	0.00
41) Toluene-d8	10.269	98	28077	1.977	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.522	79	4017	1.999	ug/L	0.00
47) 2-Hexanone-d5	10.881	63	2165	3.017	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	7347	1.851	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	9265	2.148	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.940	85	9618	2.191	ug/L	90
3) Chloromethane	2.152	50	10974	2.670	ug/L	94
5) Vinyl chloride	2.281	62	13397	2.503	ug/L	93
6) Bromomethane	2.693	94	7430	2.776	ug/L	84
8) Chloroethane	2.840	64	8066	2.639	ug/L	87
9) Trichlorofluoromethane	3.175	101	17656	2.749	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.963	101	10092	2.689	ug/L #	71
12) 1,1-Dichloroethene	3.928	96	8625m	2.562	ug/L	
13) Acetone	4.028	43	7961	6.322	ug/L	82
14) Carbon disulfide	4.269	76	34694	2.795	ug/L	99
15) Methyl Acetate	4.569	43	4372m	2.769	ug/L	
16) Methylene chloride	4.805	84	11049	2.790	ug/L	91
17) trans-1,2-Dichloroethene	5.316	96	9994m	2.652	ug/L	
18) Methyl tert-butyl Ether	5.316	73	17556	2.293	ug/L #	66
19) 1,1-Dichloroethane	6.110	63	19093	2.820	ug/L	92
20) cis-1,2-Dichloroethene	7.081	96	10440	2.543	ug/L	92
22) 2-Butanone	7.093	43	7173	5.366	ug/L #	64
23) Bromochloromethane	7.428	128	5143	2.758	ug/L #	89
25) Chloroform	7.599	83	21377	2.888	ug/L	91
27) 1,2-Dichloroethane	8.328	62	11506	2.588	ug/L #	87
29) Cyclohexane	7.881	56	12713	2.271	ug/L #	92
30) 1,1,1-Trichloroethane	7.799	97	15950	2.744	ug/L	98
31) Carbon tetrachloride	7.987	117	13960	2.671	ug/L	98
33) Benzene	8.251	78	39909	2.529	ug/L	100
34) Trichloroethene	9.034	95	11103	2.868	ug/L	86
35) Methylcyclohexane	9.275	83	14625	2.283	ug/L	98
37) 1,2-Dichloropropane	9.304	63	10640	2.529	ug/L	97
38) Bromodichloromethane	9.581	83	13492	2.638	ug/L	81
39) cis-1,3-Dichloropropene	10.016	75	15329	2.482	ug/L	94
40) 4-Methyl-2-pentanone	10.157	43	8923	3.990	ug/L	96
42) Toluene	10.334	91	37532	2.155	ug/L	99
44) trans-1,3-Dichloropropene	10.557	75	12177	2.244	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.734	97	7758	2.509	ug/L	92
46) Tetrachloroethene	10.804	164	8525	2.613	ug/L #	80
48) 2-Hexanone	10.922	43	8574	4.237	ug/L #	91
49) Dibromochloromethane	11.069	129	8896	2.518	ug/L	95
50) 1,2-Dibromoethane	11.181	107	7123	2.418	ug/L #	96
51) Chlorobenzene	11.604	112	27457	2.583	ug/L	96
52) Ethylbenzene	11.687	91	42835	2.294	ug/L	93
53) m,p-Xylene	11.792	106	16695	2.346	ug/L	96
54) o-Xylene	12.122	106	15474	2.264	ug/L	88
55) Styrene	12.134	104	25734	2.107	ug/L	90
57) 1,1,2,2-Tetrachloroethane	12.669	83	8590	2.318	ug/L	93
59) Bromoform	12.298	173	5139	2.512	ug/L	98
60) Isopropylbenzene	12.422	105	38767	2.386	ug/L	98
61) 1,2,3-Trichloropropane	12.722	75	5926	2.610	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	30261	2.344	ug/L	98
63) 1,2,4-Trimethylbenzene	13.210	105	29504	2.297	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	20407	2.642	ug/L	93
65) 1,4-Dichlorobenzene	13.539	146	21028	2.664	ug/L	96
67) 1,2-Dichlorobenzene	13.834	146	17950	2.562	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.445	75	1608	3.186	ug/L #	70
69) 1,3,5-Trichlorobenzene	14.592	180	13994	2.641	ug/L	96
70) 1,2,4-trichlorobenzene	15.104	180	10803	2.448	ug/L	94
71) Naphthalene	15.328	128	18773	2.380	ug/L	99
72) 1,2,3-Trichlorobenzene	15.528	180	9902	2.466	ug/L	97

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

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