

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121124\
 Data File : VD080123.D
 Acq On : 11 Dec 2024 09:57
 Operator : RP/MD
 Sample : VSTD00557
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD005857

Quant Time: Dec 12 00:20:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM121124SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 12 00:19:44 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben Patel 12/12/2024
 Supervised By :Mahesh Dadoda 12/18/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	232621	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	203544	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	102509	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	18752	5.058	ug/L	0.00
7) Chloroethane-d5	2.793	69	15864	4.799	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.922	65	6334m	4.443	ug/L	0.01
21) 2-Butanone-d5	6.987	46	8055m	10.312	ug/L	0.00
24) Chloroform-d	7.563	84	31897	4.966	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.222	65	17407	5.121	ug/L	0.00
32) Benzene-d6	8.199	84	61241	5.063	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.204	67	19814	4.825	ug/L	0.00
41) Toluene-d8	10.269	98	49274	4.312	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.522	79	7670	4.561	ug/L	0.00
47) 2-Hexanone-d5	10.881	63	4929	7.936	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.645	84	15695	4.466	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.810	152	17157	4.636	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	16004	3.732	ug/L	100
3) Chloromethane	2.146	50	13606	4.037	ug/L	94
5) Vinyl chloride	2.275	62	19098	4.099	ug/L	95
6) Bromomethane	2.681	94	13455	4.333	ug/L	85
8) Chloroethane	2.828	64	13648	4.394	ug/L	99
9) Trichlorofluoromethane	3.169	101	29582	4.351	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	18561m	4.606	ug/L	
12) 1,1-Dichloroethene	3.934	96	14741	4.191	ug/L	99
13) Acetone	4.022	43	13735m	9.775	ug/L	
14) Carbon disulfide	4.264	76	47762	4.185	ug/L	99
15) Methyl Acetate	4.569	43	8534m	5.066	ug/L	
16) Methylene chloride	4.799	84	20162	5.045	ug/L	93
17) trans-1,2-Dichloroethene	5.311	96	16403	4.595	ug/L	91
18) Methyl tert-butyl Ether	5.316	73	35501	4.633	ug/L #	74
19) 1,1-Dichloroethane	6.111	63	33214	4.890	ug/L	98
20) cis-1,2-Dichloroethene	7.081	96	18891	4.936	ug/L	83
22) 2-Butanone	7.087	43	13363m	9.566	ug/L	
23) Bromochloromethane	7.428	128	9651	5.174	ug/L	86
25) Chloroform	7.593	83	40072	5.218	ug/L	92
27) 1,2-Dichloroethane	8.322	62	22272	5.071	ug/L	100
29) Cyclohexane	7.875	56	19688	4.064	ug/L #	78
30) 1,1,1-Trichloroethane	7.793	97	30008	5.091	ug/L	96
31) Carbon tetrachloride	7.993	117	24229	4.959	ug/L	99
33) Benzene	8.246	78	72104	4.905	ug/L	100
34) Trichloroethene	9.028	95	18915	4.734	ug/L	98
35) Methylcyclohexane	9.275	83	23506	3.983	ug/L	98
37) 1,2-Dichloropropane	9.304	63	20805	4.939	ug/L #	96
38) Bromodichloromethane	9.581	83	26635	5.015	ug/L #	98
39) cis-1,3-Dichloropropene	10.016	75	26200	4.359	ug/L	98
40) 4-Methyl-2-pentanone	10.157	43	19838	8.518	ug/L	99
42) Toluene	10.334	91	66968	4.199	ug/L	97
44) trans-1,3-Dichloropropene	10.551	75	21535	4.349	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.734	97	14356	4.739	ug/L	91
46) Tetrachloroethene	10.810	164	12306	4.447	ug/L	96
48) 2-Hexanone	10.916	43	16567m	8.918	ug/L	
49) Dibromochloromethane	11.069	129	15343	4.666	ug/L	89
50) 1,2-Dibromoethane	11.181	107	13428	4.999	ug/L #	86
51) Chlorobenzene	11.604	112	45432	4.759	ug/L	95
52) Ethylbenzene	11.681	91	65875	4.159	ug/L	91
53) m,p-Xylene	11.787	106	24795	4.095	ug/L	99
54) o-Xylene	12.116	106	23618	4.065	ug/L	83
55) Styrene	12.134	104	41368	3.934	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.675	83	18760	4.861	ug/L #	91
59) Bromoform	12.298	173	9411	4.773	ug/L #	92
60) Isopropylbenzene	12.416	105	60648	4.157	ug/L	99
61) 1,2,3-Trichloropropane	12.722	75	11864	4.693	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	56084	4.610	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	48092	4.155	ug/L	98
64) 1,3-Dichlorobenzene	13.457	146	34027	4.794	ug/L	96
65) 1,4-Dichlorobenzene	13.534	146	38901	5.084	ug/L	99
67) 1,2-Dichlorobenzene	13.828	146	32514	4.744	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.445	75	2718	5.331	ug/L	91
69) 1,3,5-Trichlorobenzene	14.592	180	21223	4.329	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	17583	4.487	ug/L	96
71) Naphthalene	15.328	128	32881	4.416	ug/L	98
72) 1,2,3-Trichlorobenzene	15.522	180	19828	5.027	ug/L	95

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

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