Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051724\
Data File : VD078957.D
Acq On : 17 May 2024 10:06
Operator : RP/MD
Sample : VSTD00528
Misc : 5.00G/10ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 18 00:35:10 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM051724SMA.M
Quant Title : SFAM01.0
QLast Update : Sat May 18 00:33:46 2024
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
VSTD005128

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 05/20/2024
Supervised By :Semsettin Yesilyurt 05/20/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	8.775	114	144072	25.000	ug/L		0.00
28) Chlorobenzene-d5	11.581	117	150924	25.000	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	75716	25.000	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.275	65	18974	5.372	ug/L		0.00
7) Chloroethane-d5	2.805	69	20821	5.507	ug/L		0.00
11) 1,1-Dichloroethene-d2	3.917	65	3339	4.913	ug/L		0.00
21) 2-Butanone-d5	6.987	46	4800	9.602	ug/L		0.00
24) Chloroform-d	7.563	84	23287	5.430	ug/L		0.00
26) 1,2-Dichloroethane-d4	8.234	65	10701	5.254	ug/L		0.00
32) Benzene-d6	8.199	84	41133	5.341	ug/L		0.00
36) 1,2-Dichloropropane-d6	9.204	67	12773	5.444	ug/L		0.00
41) Toluene-d8	10.269	98	37494	5.282	ug/L		0.00
43) trans-1,3-Dichloroprop...	10.528	79	6161	5.700	ug/L		0.00
47) 2-Hexanone-d5	10.875	63	4367	9.286	ug/L		0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	13762	5.156	ug/L		0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	14346	5.582	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.934	85	15733	5.458	ug/L		100
3) Chloromethane	2.146	50	19746	5.583	ug/L		89
5) Vinyl chloride	2.281	62	31110	5.376	ug/L		97
6) Bromomethane	2.687	94	20778	5.021	ug/L		86
8) Chloroethane	2.834	64	24195	5.413	ug/L		100
9) Trichlorofluoromethane	3.169	101	22615	5.011	ug/L		96
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	13846	4.888	ug/L	#	84
12) 1,1-Dichloroethene	3.946	96	11977	4.808	ug/L	#	64
13) Acetone	4.022	43	5348m	8.659	ug/L		
14) Carbon disulfide	4.269	76	41192	5.706	ug/L		100
15) Methyl Acetate	4.564	43	4570	4.484	ug/L	#	70
16) Methylene chloride	4.805	84	17479	5.122	ug/L		96
17) trans-1,2-Dichloroethene	5.299	96	12241m	4.826	ug/L		
18) Methyl tert-butyl Ether	5.322	73	23054m	4.263	ug/L		
19) 1,1-Dichloroethane	6.111	63	20888	4.903	ug/L		91
20) cis-1,2-Dichloroethene	7.087	96	13324	4.605	ug/L		89
22) 2-Butanone	7.081	43	5715	8.231	ug/L		71
23) Bromochloromethane	7.428	128	6737	4.660	ug/L		89
25) Chloroform	7.599	83	24686	4.821	ug/L		92
27) 1,2-Dichloroethane	8.328	62	13985	4.715	ug/L		96
29) Cyclohexane	7.875	56	12802	4.413	ug/L		89
30) 1,1,1-Trichloroethane	7.787	97	19518	4.674	ug/L		97
31) Carbon tetrachloride	7.987	117	18296	4.759	ug/L		96
33) Benzene	8.252	78	48650	4.703	ug/L		100
34) Trichloroethene	9.028	95	12704	4.767	ug/L		91
35) Methylcyclohexane	9.269	83	17815	4.446	ug/L		98
37) 1,2-Dichloropropane	9.304	63	12735	4.857	ug/L	#	88
38) Bromodichloromethane	9.581	83	17780	4.796	ug/L	#	93
39) cis-1,3-Dichloropropene	10.016	75	17711	4.306	ug/L		96
40) 4-Methyl-2-pentanone	10.157	43	10495	7.925	ug/L		97
42) Toluene	10.328	91	49728	4.372	ug/L		100
44) trans-1,3-Dichloropropene	10.551	75	15400	4.235	ug/L		100

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45) 1,1,2-Trichloroethane	10.728	97	11257	4.696	ug/L		98
46) Tetrachloroethene	10.810	164	10873	4.742	ug/L		92
48) 2-Hexanone	10.922	43	8374	8.157	ug/L		96
49) Dibromochloromethane	11.075	129	13103	4.496	ug/L		97
50) 1,2-Dibromoethane	11.175	107	10765	4.754	ug/L		87
51) Chlorobenzene	11.610	112	37129	4.621	ug/L		97
52) Ethylbenzene	11.687	91	51218	4.172	ug/L		92
53) m,p-Xylene	11.793	106	21210	4.319	ug/L		98
54) o-Xylene	12.122	106	18716	3.913	ug/L		98
55) Styrene	12.134	104	32639	3.862	ug/L		96
57) 1,1,2,2-Tetrachloroethane	12.669	83	13633	4.689	ug/L		97
59) Bromoform	12.304	173	8098	4.726	ug/L		98
60) Isopropylbenzene	12.422	105	48105	4.297	ug/L		99
61) 1,2,3-Trichloropropane	12.722	75	8582	4.945	ug/L		95
62) 1,3,5-Trimethylbenzene	12.904	105	32218	3.894	ug/L		97
63) 1,2,4-Trimethylbenzene	13.210	105	33641	4.001	ug/L		98
64) 1,3-Dichlorobenzene	13.457	146	24572	4.520	ug/L		92
65) 1,4-Dichlorobenzene	13.540	146	28203	4.812	ug/L		98
67) 1,2-Dichlorobenzene	13.828	146	22532	4.379	ug/L		89
68) 1,2-Dibromo-3-chloropr...	14.445	75	1961	5.424	ug/L	#	65
69) 1,3,5-Trichlorobenzene	14.592	180	15976	4.525	ug/L		98
70) 1,2,4-trichlorobenzene	15.098	180	12847	4.298	ug/L		95
71) Naphthalene	15.328	128	24478	4.014	ug/L		99
72) 1,2,3-Trichlorobenzene	15.522	180	12210	4.370	ug/L		95

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

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