Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081023\
Data File : VW026676.D
Acq On : 10 Aug 2023 14:21
Operator : SY/MD
Sample : VSTD2.526
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5426

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 08/11/2023
Supervised By :Mahesh Dadoda 08/15/2023

Quant Time: Aug 11 01:29:23 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Aug 11 01:25:02 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	8.843	114	508676	25.000	ug/L		0.00
28) Chlorobenzene-d5	11.629	117	500828	25.000	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	253792	25.000	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.369	65	21957	2.626	ug/L		0.00
7) Chloroethane-d5	2.893	69	17384m	2.830	ug/L		0.00
11) 1,1-Dichloroethene-d2	4.021	65	10715	2.605	ug/L		0.00
21) 2-Butanone-d5	7.094	46	13462m	5.634	ug/L		0.01
24) Chloroform-d	7.642	84	44813	2.625	ug/L		0.00
26) 1,2-Dichloroethane-d4	8.307	65	25124	2.667	ug/L		0.00
32) Benzene-d6	8.276	84	87306	2.529	ug/L		0.00
36) 1,2-Dichloropropane-d6	9.270	67	28350	2.637	ug/L		0.00
41) Toluene-d8	10.325	98	70689	2.386	ug/L		0.00
43) trans-1,3-Dichloroprop...	10.575	79	10600	2.388	ug/L		0.00
47) 2-Hexanone-d5	10.928	63	4519	4.000	ug/L		0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	21101	2.485	ug/L		0.00
66) 1,2-Dichlorobenzene-d4	13.849	152	23808	2.621	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.015	85	18663m	2.664	ug/L		
3) Chloromethane	2.217	50	24031	2.541	ug/L		95
5) Vinyl chloride	2.375	62	22133	2.448	ug/L		96
6) Bromomethane	2.783	94	14214	2.695	ug/L		94
8) Chloroethane	2.930	64	14287	2.637	ug/L		90
9) Trichlorofluoromethane	3.259	101	16971	2.287	ug/L		96
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	21712m	2.736	ug/L		
12) 1,1-Dichloroethene	4.045	96	18913	2.515	ug/L		91
13) Acetone	4.125	43	17562	7.419	ug/L		92
14) Carbon disulfide	4.393	76	70021	2.589	ug/L		99
15) Methyl Acetate	4.679	43	11839	2.473	ug/L		97
16) Methylene chloride	4.923	84	32450	3.298	ug/L		98
17) trans-1,2-Dichloroethene	5.423	96	21466	2.559	ug/L		95
18) Methyl tert-butyl Ether	5.423	73	30209	2.380	ug/L	#	89
19) 1,1-Dichloroethane	6.216	63	45297	2.623	ug/L		98
20) cis-1,2-Dichloroethene	7.173	96	22695	2.517	ug/L		97
22) 2-Butanone	7.179	43	21028	5.971	ug/L		96
23) Bromochloromethane	7.514	128	10166	2.610	ug/L		95
25) Chloroform	7.679	83	47127	2.825	ug/L		97
27) 1,2-Dichloroethane	8.398	62	31831	2.735	ug/L		98
29) Cyclohexane	7.953	56	34434	2.223	ug/L		98
30) 1,1,1-Trichloroethane	7.874	97	34425	2.634	ug/L		99
31) Carbon tetrachloride	8.063	117	30589	2.560	ug/L		92
33) Benzene	8.325	78	94042	2.578	ug/L		100
34) Trichloroethene	9.093	95	23954	2.579	ug/L		92
35) Methylcyclohexane	9.337	83	36388	2.290	ug/L		97
37) 1,2-Dichloropropane	9.368	63	26608	2.663	ug/L		98
38) Bromodichloromethane	9.642	83	31403	2.680	ug/L		92
39) cis-1,3-Dichloropropene	10.075	75	32566	2.266	ug/L		91
40) 4-Methyl-2-pentanone	10.209	43	29665	4.565	ug/L		99
42) Toluene	10.386	91	89182	2.417	ug/L		99
44) trans-1,3-Dichloropropene	10.605	75	28005	2.264	ug/L		96

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Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	18216	2.666	ug/L		96
46) Tetrachloroethene	10.861	164	17650	2.615	ug/L		91
48) 2-Hexanone	10.971	43	18975	4.291	ug/L		99
49) Dibromochloromethane	11.130	129	18483	2.587	ug/L		89
50) 1,2-Dibromoethane	11.233	107	16398	2.558	ug/L	#	88
51) Chlorobenzene	11.654	112	63299	2.716	ug/L		99
52) Ethylbenzene	11.727	91	96959	2.343	ug/L		93
53) m,p-Xylene	11.837	106	35845	2.339	ug/L		92
54) o-Xylene	12.160	106	32369	2.263	ug/L		100
55) Styrene	12.178	104	56536	2.273	ug/L		99
57) 1,1,2,2-Tetrachloroethane	12.715	83	23128	2.673	ug/L		97
59) Bromoform	12.349	173	10281	2.586	ug/L		95
60) Isopropylbenzene	12.465	105	87954	2.331	ug/L		98
61) 1,2,3-Trichloropropane	12.763	75	16961	2.755	ug/L		95
62) 1,3,5-Trimethylbenzene	12.940	105	65860	2.208	ug/L		98
63) 1,2,4-Trimethylbenzene	13.245	105	64290	2.200	ug/L		99
64) 1,3-Dichlorobenzene	13.495	146	42708	2.603	ug/L		90
65) 1,4-Dichlorobenzene	13.574	146	47919	2.798	ug/L		99
67) 1,2-Dichlorobenzene	13.867	146	41269	2.766	ug/L	#	86
68) 1,2-Dibromo-3-chloropr...	14.477	75	4223	2.868	ug/L		87
69) 1,3,5-Trichlorobenzene	14.623	180	30048	2.710	ug/L		97
70) 1,2,4-trichlorobenzene	15.129	180	24056	2.559	ug/L		97
71) Naphthalene	15.361	128	40345	2.250	ug/L		98
72) 1,2,3-Trichlorobenzene	15.549	180	22230	2.622	ug/L		98

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

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