Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070824\
Data File : VW029473.D
Acq On : 08 Jul 2024 11:24
Operator : SY/MD
Sample : VSTD2.552
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5452

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/09/2024
Supervised By :Semsettin Yesilyurt 07/09/2024

Quant Time: Jul 09 01:57:15 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Jul 09 01:56:32 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	8.843	114	261602	25.000	ug/L		0.00
28) Chlorobenzene-d5	11.629	117	246885	25.000	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	120589	25.000	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.363	65	11977	3.206	ug/L		0.00
7) Chloroethane-d5	2.899	69	8144	2.653	ug/L		0.00
11) 1,1-Dichloroethene-d2	4.021	65	5166m	2.884	ug/L		0.00
21) 2-Butanone-d5	7.087	46	6215m	5.513	ug/L		0.01
24) Chloroform-d	7.648	84	17861	2.273	ug/L		0.00
26) 1,2-Dichloroethane-d4	8.307	65	10617	2.342	ug/L		0.00
32) Benzene-d6	8.276	84	34598	2.287	ug/L		0.00
36) 1,2-Dichloropropane-d6	9.270	67	11162	2.309	ug/L		0.00
41) Toluene-d8	10.319	98	28658	2.152	ug/L		0.00
43) trans-1,3-Dichloroprop...	10.581	79	4347	2.201	ug/L		0.00
47) 2-Hexanone-d5	10.922	63	3482	4.477	ug/L		0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	9191	2.366	ug/L		0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	9929	2.353	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.009	85	8329m	3.319	ug/L		
3) Chloromethane	2.216	50	8708	2.377	ug/L		97
5) Vinyl chloride	2.369	62	10342	2.477	ug/L		92
6) Bromomethane	2.789	94	5826	2.308	ug/L		92
8) Chloroethane	2.930	64	5898	2.296	ug/L		88
9) Trichlorofluoromethane	3.259	101	7266	2.181	ug/L		97
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	8864m	2.469	ug/L		
12) 1,1-Dichloroethene	4.045	96	7733m	2.496	ug/L		
13) Acetone	4.131	43	6575	6.418	ug/L		73
14) Carbon disulfide	4.393	76	24695	2.410	ug/L		99
15) Methyl Acetate	4.679	43	5486	2.849	ug/L	#	77
16) Methylene chloride	4.923	84	17073	3.650	ug/L		92
17) trans-1,2-Dichloroethene	5.429	96	8196	2.362	ug/L		89
18) Methyl tert-butyl Ether	5.429	73	12743	2.279	ug/L	#	72
19) 1,1-Dichloroethane	6.216	63	16594	2.243	ug/L		98
20) cis-1,2-Dichloroethene	7.173	96	8524	2.231	ug/L		92
22) 2-Butanone	7.173	43	8221m	6.044	ug/L		
23) Bromochloromethane	7.508	128	3986	2.349	ug/L		88
25) Chloroform	7.673	83	16272m	2.263	ug/L		
27) 1,2-Dichloroethane	8.398	62	12093	2.257	ug/L		98
29) Cyclohexane	7.959	56	12309	2.105	ug/L		96
30) 1,1,1-Trichloroethane	7.874	97	12696	2.258	ug/L		99
31) Carbon tetrachloride	8.063	117	11357	2.211	ug/L		97
33) Benzene	8.325	78	34010	2.244	ug/L		100
34) Trichloroethene	9.093	95	9268	2.282	ug/L		98
35) Methylcyclohexane	9.331	83	13466	2.108	ug/L		97
37) 1,2-Dichloropropane	9.368	63	9619	2.259	ug/L	#	97
38) Bromodichloromethane	9.642	83	11549	2.222	ug/L		95
39) cis-1,3-Dichloropropene	10.075	75	12330	2.020	ug/L		99
40) 4-Methyl-2-pentanone	10.209	43	12033	4.422	ug/L		98
42) Toluene	10.386	91	33321	2.139	ug/L		95
44) trans-1,3-Dichloropropene	10.605	75	10721	2.071	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	6846	2.283	ug/L		96
46) Tetrachloroethene	10.861	164	6390	2.232	ug/L		91
48) 2-Hexanone	10.971	43	8625	4.404	ug/L		99
49) Dibromochloromethane	11.123	129	6816	2.187	ug/L		96
50) 1,2-Dibromoethane	11.233	107	6581	2.432	ug/L		85
51) Chlorobenzene	11.654	112	23064	2.292	ug/L		98
52) Ethylbenzene	11.727	91	36344	2.048	ug/L		98
53) m,p-Xylene	11.837	106	13232	2.042	ug/L		100
54) o-Xylene	12.160	106	11503	1.898	ug/L		92
55) Styrene	12.178	104	20336	1.931	ug/L		95
57) 1,1,2,2-Tetrachloroethane	12.708	83	8998	2.428	ug/L	#	89
59) Bromoform	12.349	173	3721	2.166	ug/L	#	93
60) Isopropylbenzene	12.458	105	32277	1.975	ug/L		97
61) 1,2,3-Trichloropropane	12.763	75	6810	2.498	ug/L		97
62) 1,3,5-Trimethylbenzene	12.940	105	20688	1.739	ug/L		97
63) 1,2,4-Trimethylbenzene	13.245	105	23418	1.833	ug/L		96
64) 1,3-Dichlorobenzene	13.495	146	17164	2.403	ug/L		95
65) 1,4-Dichlorobenzene	13.574	146	18508	2.457	ug/L		92
67) 1,2-Dichlorobenzene	13.867	146	15396	2.360	ug/L		97
68) 1,2-Dibromo-3-chloropr...	14.476	75	1794	2.803	ug/L		93
69) 1,3,5-Trichlorobenzene	14.623	180	12347	2.599	ug/L		94
70) 1,2,4-trichlorobenzene	15.129	180	10634	2.730	ug/L		98
71) Naphthalene	15.360	128	19232	2.459	ug/L		99
72) 1,2,3-Trichlorobenzene	15.543	180	9840	2.743	ug/L		89

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

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