Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW053023\
Data File : VW026077.D
Acq On : 30 May 2023 08:59
Operator : SY/MD
Sample : VSTD2.557
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5457

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 05/31/2023
Supervised By :Mahesh Dadoda 05/31/2023

Quant Time: May 31 01:25:43 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
Quant Title : SFAM01.0
QLast Update : Wed May 31 01:24:42 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	8.843	114	795301	25.000	ug/L		0.00
28) Chlorobenzene-d5	11.629	117	710414	25.000	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	347077	25.000	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.363	65	24883	2.224	ug/L		0.00
7) Chloroethane-d5	2.899	69	19262	2.300	ug/L		0.00
11) 1,1-Dichloroethene-d2	4.015	65	13239	2.400	ug/L		-0.01
21) 2-Butanone-d5	7.087	46	18474	5.672	ug/L		0.01
24) Chloroform-d	7.648	84	61914	2.658	ug/L		0.00
26) 1,2-Dichloroethane-d4	8.307	65	35777	2.809	ug/L		0.00
32) Benzene-d6	8.270	84	117769	2.464	ug/L		0.00
36) 1,2-Dichloropropane-d6	9.270	67	38721	2.557	ug/L		0.00
41) Toluene-d8	10.318	98	105639	2.492	ug/L		0.00
43) trans-1,3-Dichloroprop...	10.574	79	15564	2.593	ug/L		0.00
47) 2-Hexanone-d5	10.922	63	12364	5.178	ug/L		0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	30438	2.762	ug/L		0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	34640	2.608	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.021	85	16566m	1.733	ug/L		
3) Chloromethane	2.216	50	18198	1.456	ug/L		96
5) Vinyl chloride	2.369	62	22018	1.648	ug/L		91
6) Bromomethane	2.789	94	12010	1.649	ug/L		96
8) Chloroethane	2.930	64	12074	1.672	ug/L		94
9) Trichlorofluoromethane	3.253	101	15653	1.821	ug/L		95
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	23373	2.229	ug/L	#	81
12) 1,1-Dichloroethene	4.045	96	20261	2.001	ug/L		96
13) Acetone	4.118	43	14934	5.925	ug/L		92
14) Carbon disulfide	4.393	76	49962	1.398	ug/L		99
15) Methyl Acetate	4.667	43	16657m	2.945	ug/L		
16) Methylene chloride	4.917	84	44979	3.543	ug/L		98
17) trans-1,2-Dichloroethene	5.429	96	21875	1.925	ug/L		93
18) Methyl tert-butyl Ether	5.423	73	42718	2.386	ug/L	#	87
19) 1,1-Dichloroethane	6.215	63	49232	2.129	ug/L		98
20) cis-1,2-Dichloroethene	7.173	96	25945	2.156	ug/L		97
22) 2-Butanone	7.179	43	18931	5.270	ug/L		100
23) Bromochloromethane	7.514	128	11544	2.249	ug/L		95
25) Chloroform	7.679	83	51723	2.401	ug/L		99
27) 1,2-Dichloroethane	8.398	62	35993	2.423	ug/L		97
29) Cyclohexane	7.959	56	35805	1.632	ug/L		99
30) 1,1,1-Trichloroethane	7.874	97	39470	2.289	ug/L		98
31) Carbon tetrachloride	8.069	117	33824	2.150	ug/L		96
33) Benzene	8.325	78	101240	2.080	ug/L		100
34) Trichloroethene	9.087	95	26997	2.166	ug/L		86
35) Methylcyclohexane	9.337	83	38471	1.745	ug/L		98
37) 1,2-Dichloropropane	9.367	63	30796	2.336	ug/L	#	96
38) Bromodichloromethane	9.642	83	36731	2.399	ug/L		99
39) cis-1,3-Dichloropropene	10.075	75	40308	2.081	ug/L		99
40) 4-Methyl-2-pentanone	10.209	43	39740	5.114	ug/L		99
42) Toluene	10.385	91	102416	2.058	ug/L		97
44) trans-1,3-Dichloropropene	10.605	75	35350	2.191	ug/L		98

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45) 1,1,2-Trichloroethane	10.788	97	21315	2.454	ug/L		94
46) Tetrachloroethene	10.861	164	17951	2.037	ug/L		92
48) 2-Hexanone	10.965	43	26964	4.921	ug/L		96
49) Dibromochloromethane	11.123	129	21770	2.390	ug/L		94
50) 1,2-Dibromoethane	11.233	107	19399	2.412	ug/L		90
51) Chlorobenzene	11.654	112	70507	2.260	ug/L		96
52) Ethylbenzene	11.727	91	120121	2.139	ug/L		98
53) m,p-Xylene	11.836	106	42654	2.042	ug/L		98
54) o-Xylene	12.160	106	39711	2.014	ug/L		99
55) Styrene	12.178	104	66407	1.963	ug/L		100
57) 1,1,2,2-Tetrachloroethane	12.714	83	27209	2.588	ug/L		96
59) Bromoform	12.342	173	12486	2.395	ug/L		98
60) Isopropylbenzene	12.464	105	106789	1.959	ug/L		98
61) 1,2,3-Trichloropropane	12.763	75	20273	2.608	ug/L		98
62) 1,3,5-Trimethylbenzene	12.940	105	82342	1.900	ug/L		97
63) 1,2,4-Trimethylbenzene	13.245	105	74293	1.871	ug/L		99
64) 1,3-Dichlorobenzene	13.495	146	51963	2.267	ug/L		99
65) 1,4-Dichlorobenzene	13.574	146	55211	2.392	ug/L		95
67) 1,2-Dichlorobenzene	13.867	146	48353	2.349	ug/L		96
68) 1,2-Dibromo-3-chloropr...	14.476	75	5543	3.077	ug/L	#	78
69) 1,3,5-Trichlorobenzene	14.623	180	35634	2.263	ug/L		98
70) 1,2,4-trichlorobenzene	15.129	180	28724	2.210	ug/L		97
71) Naphthalene	15.360	128	49801	2.150	ug/L		99
72) 1,2,3-Trichlorobenzene	15.549	180	26675	2.349	ug/L		98

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

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