Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110922\
Data File : VW025026.D
Acq On : 09 Nov 2022 08:36
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025489

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 11/10/2022
Supervised By :Mahesh Dadoda 11/10/2022

Quant Time: Nov 10 00:15:28 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM102622SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Nov 09 00:55:34 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	263417	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	244193	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	126277	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	59134	20.000	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 80.000%			
7) Chloroethane-d5	2.885	69	40462	23.361	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 93.440%			
11) 1,1-Dichloroethene-d2	4.019	63	184960	25.113	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 100.440%			
21) 2-Butanone-d5	7.080	46	46018	46.116	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 92.240%			
24) Chloroform-d	7.646	84	213007	26.645	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 106.600%			
26) 1,2-Dichloroethane-d4	8.305	65	118302	26.437	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 105.760%			
32) Benzene-d6	8.274	84	393891	25.166	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 100.680%			
36) 1,2-Dichloropropane-d6	9.274	67	109926	23.969	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 95.880%			
41) Toluene-d8	10.323	98	368461	25.286	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 101.160%			
43) trans-1,3-Dichloroprop...	10.579	79	51224	25.189	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 100.760%			
47) 2-Hexanone-d5	10.920	63	38672	48.815	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 97.640%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	91888	25.094	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 100.360%			
66) 1,2-Dichlorobenzene-d4	13.847	152	125399	25.841	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 103.360%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	17419m	19.826	ug/L	
3) Chloromethane	2.215	50	44131	20.883	ug/L	93
5) Vinyl chloride	2.361	62	68689	23.525	ug/L	97
6) Bromomethane	2.781	94	34738	23.840	ug/L	90
8) Chloroethane	2.928	64	30376	24.939	ug/L	96
9) Trichlorofluoromethane	3.263	101	68525	27.976	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	94052	27.115	ug/L	100
12) 1,1-Dichloroethene	4.043	96	87493	26.776	ug/L	88
13) Acetone	4.129	43	39861	56.230	ug/L	100
14) Carbon disulfide	4.385	76	238011	24.935	ug/L	98
15) Methyl Acetate	4.671	43	31160	22.078	ug/L	94
16) Methylene chloride	4.921	84	88922	19.012	ug/L	94
17) trans-1,2-Dichloroethene	5.427	96	91105	26.038	ug/L	97
18) Methyl tert-butyl Ether	5.427	73	150094	25.573	ug/L	97
19) 1,1-Dichloroethane	6.220	63	167291	25.825	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	98275	25.770	ug/L	98
22) 2-Butanone	7.171	43	48893	46.034	ug/L	97
23) Bromochloromethane	7.512	128	42658	25.803	ug/L	92
25) Chloroform	7.677	83	185701	27.163	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.402	62	125776	27.122	ug/L		100
29) Cyclohexane	7.957	56	145790	25.284	ug/L		97
30) 1,1,1-Trichloroethane	7.872	97	167308	27.997	ug/L		99
31) Carbon tetrachloride	8.067	117	156173	29.247	ug/L		99
33) Benzene	8.323	78	380397	25.868	ug/L		100
34) Trichloroethene	9.091	95	102927	26.441	ug/L		96
35) Methylcyclohexane	9.335	83	172712	26.111	ug/L		99
37) 1,2-Dichloropropane	9.366	63	89981	25.211	ug/L		99
38) Bromodichloromethane	9.646	83	134892	27.080	ug/L		100
39) cis-1,3-Dichloropropene	10.073	75	150800	26.727	ug/L		98
40) 4-Methyl-2-pentanone	10.207	43	97651	46.624	ug/L		98
42) Toluene	10.390	91	412909	26.449	ug/L		96
44) trans-1,3-Dichloropropene	10.603	75	133723	26.659	ug/L		100
45) 1,1,2-Trichloroethane	10.786	97	66993	24.860	ug/L		96
46) Tetrachloroethene	10.865	164	75548	27.137	ug/L		92
48) 2-Hexanone	10.969	43	71553	49.399	ug/L		99
49) Dibromochloromethane	11.128	129	90084	27.424	ug/L		97
50) 1,2-Dibromoethane	11.231	107	65853	25.839	ug/L		99
51) Chlorobenzene	11.658	112	264721	26.160	ug/L		98
52) Ethylbenzene	11.731	91	480597	26.669	ug/L		96
53) m,p-Xylene	11.835	106	185744	26.628	ug/L		100
54) o-Xylene	12.164	106	175568	26.678	ug/L		90
55) Styrene	12.176	104	304174	26.612	ug/L		95
57) 1,1,2,2-Tetrachloroethane	12.713	83	81368	25.170	ug/L		97
59) Bromoform	12.347	173	47851	26.792	ug/L	#	95
60) Isopropylbenzene	12.463	105	508046	26.760	ug/L		100
61) 1,2,3-Trichloropropane	12.768	75	61463	24.227	ug/L		98
62) 1,3,5-Trimethylbenzene	12.938	105	444514	26.972	ug/L		99
63) 1,2,4-Trimethylbenzene	13.249	105	430629	26.647	ug/L		99
64) 1,3-Dichlorobenzene	13.499	146	207535	26.210	ug/L		98
65) 1,4-Dichlorobenzene	13.572	146	216464	27.397	ug/L		97
67) 1,2-Dichlorobenzene	13.865	146	189844	26.665	ug/L		98
68) 1,2-Dibromo-3-chloropr...	14.481	75	15216	25.954	ug/L		94
69) 1,3,5-Trichlorobenzene	14.621	180	148116	28.242	ug/L		100
70) 1,2,4-trichlorobenzene	15.127	180	116493	28.578	ug/L		97
71) Naphthalene	15.358	128	227858	26.498	ug/L		100
72) 1,2,3-Trichlorobenzene	15.554	180	99397	27.985	ug/L		98

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

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