Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052623\
Data File : VW026053.D
Acq On : 26 May 2023 08:26
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025500

Manual Integrations APPROVED
Reviewed By :Krupa Patel 05/29/2023
Supervised By :Mahesh Dadoda 05/29/2023

Quant Time: May 26 23:07:52 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
Quant Title : SFAM01.0
QLast Update : Fri May 26 00:33:05 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	676014	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	608339	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	298255	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.362	65	190935	19.931	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 79.720%			
7) Chloroethane-d5	2.899	69	176088	24.794	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 99.160%			
11) 1,1-Dichloroethene-d2	4.021	65	100997	21.055	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 84.200%			
21) 2-Butanone-d5	7.075	46	207399	65.490	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 130.980%			
24) Chloroform-d	7.648	84	508286	26.075	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 104.320%			
26) 1,2-Dichloroethane-d4	8.300	65	288095	26.136	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 104.560%			
32) Benzene-d6	8.270	84	930954	23.420	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 93.680%			
36) 1,2-Dichloropropane-d6	9.270	67	314840	24.755	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 99.040%			
41) Toluene-d8	10.318	98	813540	22.952	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 91.800%			
43) trans-1,3-Dichloroprop...	10.574	79	127245	24.682	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 98.720%			
47) 2-Hexanone-d5	10.922	63	149844	69.094	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 138.180%#			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	287328	29.641	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 118.560%			
66) 1,2-Dichlorobenzene-d4	13.848	152	284698	26.185	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 104.720%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	203841m	26.990	ug/L	
3) Chloromethane	2.222	50	260234	23.369	ug/L	96
5) Vinyl chloride	2.374	62	312850	27.143	ug/L	99
6) Bromomethane	2.783	94	169541	27.044	ug/L	98
8) Chloroethane	2.929	64	190647	29.089	ug/L	96
9) Trichlorofluoromethane	3.258	101	210140	24.158	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.069	101	264046	27.911	ug/L	98
12) 1,1-Dichloroethene	4.039	96	241407	26.701	ug/L	96
13) Acetone	4.118	43	169109	60.222	ug/L	97
14) Carbon disulfide	4.386	76	670352	21.925	ug/L	100
15) Methyl Acetate	4.667	43	152128	27.491	ug/L	99
16) Methylene chloride	4.917	84	274082	19.660	ug/L	97
17) trans-1,2-Dichloroethene	5.423	96	251793	25.529	ug/L	99
18) Methyl tert-butyl Ether	5.417	73	466309	31.150	ug/L	99
19) 1,1-Dichloroethane	6.215	63	550760	27.179	ug/L	100
20) cis-1,2-Dichloroethene	7.166	96	288707	27.284	ug/L	98
22) 2-Butanone	7.166	43	219301	56.558	ug/L	98
23) Bromochloromethane	7.508	128	119020	26.550	ug/L	97
25) Chloroform	7.672	83	524761	28.176	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	373830	28.263	ug/L	97
29) Cyclohexane	7.953	56	486062	25.783	ug/L	100
30) 1,1,1-Trichloroethane	7.867	97	423699	28.479	ug/L	99
31) Carbon tetrachloride	8.063	117	371177	27.723	ug/L	100
33) Benzene	8.319	78	1116224	26.521	ug/L	100
34) Trichloroethene	9.087	95	286442	26.522	ug/L	98
35) Methylcyclohexane	9.331	83	497311	25.890	ug/L	99
37) 1,2-Dichloropropane	9.367	63	308332	26.739	ug/L	99
38) Bromodichloromethane	9.641	83	372006	28.120	ug/L	99
39) cis-1,3-Dichloropropene	10.068	75	464368	27.461	ug/L	99
40) 4-Methyl-2-pentanone	10.208	43	448954	59.815	ug/L	99
42) Toluene	10.385	91	1161086	26.999	ug/L	94
44) trans-1,3-Dichloropropene	10.605	75	397476	28.367	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	217943	28.255	ug/L	97
46) Tetrachloroethene	10.861	164	191952	25.263	ug/L	94
48) 2-Hexanone	10.964	43	336129	62.513	ug/L	100
49) Dibromochloromethane	11.129	129	226271	28.335	ug/L	95
50) 1,2-Dibromoethane	11.233	107	194891	27.407	ug/L	99
51) Chlorobenzene	11.653	112	719622	27.012	ug/L	100
52) Ethylbenzene	11.726	91	1334210	27.581	ug/L	99
53) m,p-Xylene	11.836	106	492686	27.672	ug/L	94
54) o-Xylene	12.159	106	468069	27.892	ug/L	98
55) Styrene	12.178	104	815110	28.378	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.714	83	273021	28.367	ug/L	99
59) Bromoform	12.342	173	125107	28.319	ug/L	97
60) Isopropylbenzene	12.464	105	1344912	29.665	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	200269	28.412	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	1095788	30.516	ug/L	99
63) 1,2,4-Trimethylbenzene	13.244	105	990529	29.893	ug/L	100
64) 1,3-Dichlorobenzene	13.494	146	550882	28.227	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	545579	27.670	ug/L	97
67) 1,2-Dichlorobenzene	13.866	146	482380	27.715	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	47510	29.067	ug/L	96
69) 1,3,5-Trichlorobenzene	14.622	180	362908	28.013	ug/L	98
70) 1,2,4-trichlorobenzene	15.128	180	309289	28.498	ug/L	96
71) Naphthalene	15.360	128	634670	30.983	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	279086	28.981	ug/L	98

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

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