Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111622\
Data File : VW025056.D
Acq On : 16 Nov 2022 09:14
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025499

Quant Time: Nov 17 00:35:34 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM102622SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Nov 16 00:12:11 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	316728	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	289903	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	147782	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	58948	16.582	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 66.320%			
7) Chloroethane-d5	2.885	69	45665	21.928	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 87.720%			
11) 1,1-Dichloroethene-d2	4.025	63	191475	21.622	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 86.480%			
21) 2-Butanone-d5	7.080	46	50999	42.505	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 85.020%			
24) Chloroform-d	7.647	84	236457	24.600	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 98.400%			
26) 1,2-Dichloroethane-d4	8.305	65	124743	23.184	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 92.720%			
32) Benzene-d6	8.275	84	431036	23.197	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 92.800%			
36) 1,2-Dichloropropane-d6	9.275	67	125086	22.974	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 91.880%			
41) Toluene-d8	10.323	98	392378	22.682	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 90.720%			
43) trans-1,3-Dichloroprop...	10.573	79	53970	22.355	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 89.400%			
47) 2-Hexanone-d5	10.927	63	40550	43.115	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 86.240%			
56) 1,1,2,2-Tetrachloroeth...	12.689	84	98444	22.645	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 90.600%			
66) 1,2-Dichlorobenzene-d4	13.853	152	136360	24.010	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 96.040%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.008	85	19713	18.660	ug/L	98
3) Chloromethane	2.215	50	52132	20.517	ug/L	94
5) Vinyl chloride	2.361	62	80440	22.912	ug/L	93
6) Bromomethane	2.776	94	41194	23.512	ug/L	99
8) Chloroethane	2.922	64	37230	25.421	ug/L	97
9) Trichlorofluoromethane	3.263	101	77022	26.152	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	107499	25.775	ug/L	99
12) 1,1-Dichloroethene	4.044	96	98469	25.063	ug/L	85
13) Acetone	4.123	43	43537	51.078	ug/L	93
14) Carbon disulfide	4.385	76	267756	23.330	ug/L	99
15) Methyl Acetate	4.672	43	37452	22.070	ug/L	99
16) Methylene chloride	4.922	84	110151	19.587	ug/L	98
17) trans-1,2-Dichloroethene	5.428	96	104971	24.951	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	169100	23.962	ug/L	99
19) 1,1-Dichloroethane	6.220	63	201074	25.816	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	120019	26.174	ug/L	97
22) 2-Butanone	7.171	43	54459	42.644	ug/L	99
23) Bromochloromethane	7.513	128	49399	24.851	ug/L	97
25) Chloroform	7.677	83	217663	26.479	ug/L	93

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Quant Title : SFAM01.0
QLast Update : Wed Nov 16 00:12:11 2022
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.403	62	140742	25.241	ug/L		100
29) Cyclohexane	7.958	56	167466	24.464	ug/L		97
30) 1,1,1-Trichloroethane	7.872	97	191254	26.958	ug/L		98
31) Carbon tetrachloride	8.067	117	175624	27.704	ug/L		99
33) Benzene	8.323	78	445839	25.538	ug/L		100
34) Trichloroethene	9.092	95	119041	25.758	ug/L		96
35) Methylcyclohexane	9.335	83	195638	24.914	ug/L		99
37) 1,2-Dichloropropane	9.366	63	108071	25.505	ug/L		99
38) Bromodichloromethane	9.646	83	158544	26.810	ug/L		99
39) cis-1,3-Dichloropropene	10.073	75	179377	26.779	ug/L		100
40) 4-Methyl-2-pentanone	10.207	43	108801	43.757	ug/L		98
42) Toluene	10.384	91	484701	26.152	ug/L		94
44) trans-1,3-Dichloropropene	10.604	75	154414	25.930	ug/L		97
45) 1,1,2-Trichloroethane	10.786	97	80253	25.085	ug/L		98
46) Tetrachloroethene	10.860	164	88922	26.905	ug/L		94
48) 2-Hexanone	10.969	43	77460	45.045	ug/L		99
49) Dibromochloromethane	11.128	129	104034	26.677	ug/L		100
50) 1,2-Dibromoethane	11.231	107	75270	24.877	ug/L		99
51) Chlorobenzene	11.658	112	309701	25.779	ug/L		97
52) Ethylbenzene	11.731	91	563274	26.329	ug/L		99
53) m,p-Xylene	11.841	106	215150	25.980	ug/L		97
54) o-Xylene	12.164	106	207465	26.555	ug/L		99
55) Styrene	12.176	104	359133	26.466	ug/L		94
57) 1,1,2,2-Tetrachloroethane	12.713	83	91608	23.869	ug/L		96
59) Bromoform	12.347	173	54540	26.093	ug/L	#	99
60) Isopropylbenzene	12.463	105	582888	26.235	ug/L		100
61) 1,2,3-Trichloropropane	12.768	75	69111	23.277	ug/L		99
62) 1,3,5-Trimethylbenzene	12.938	105	515691	26.738	ug/L		99
63) 1,2,4-Trimethylbenzene	13.249	105	505291	26.717	ug/L		99
64) 1,3-Dichlorobenzene	13.493	146	249559	26.931	ug/L		94
65) 1,4-Dichlorobenzene	13.579	146	243983	26.387	ug/L		99
67) 1,2-Dichlorobenzene	13.865	146	216794	26.020	ug/L		97
68) 1,2-Dibromo-3-chloropr...	14.481	75	16117	23.490	ug/L		91
69) 1,3,5-Trichlorobenzene	14.627	180	165702	26.997	ug/L		98
70) 1,2,4-trichlorobenzene	15.127	180	131148	27.491	ug/L		99
71) Naphthalene	15.359	128	250089	24.851	ug/L		99
72) 1,2,3-Trichlorobenzene	15.548	180	109577	26.362	ug/L		97

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

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