Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072222\
Data File : VW024057.D
Acq On : 23 Jul 2022 16:00
Operator : SY/VA
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025505

Quant Time: Jul 24 01:55:23 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Jul 23 06:00:17 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.835	114	206553	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	221136	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	130021	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	116944	22.167	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 88.680%			
7) Chloroethane-d5	2.873	69	80738	22.941	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 91.760%			
11) 1,1-Dichloroethene-d2	4.013	63	94811	22.070	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 88.280%			
21) 2-Butanone-d5	7.074	46	50532	61.753	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 123.500%			
24) Chloroform-d	7.647	84	160607	26.707	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 106.840%			
26) 1,2-Dichloroethane-d4	8.305	65	95937	26.084	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 104.320%			
32) Benzene-d6	8.274	84	284189	24.722	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 98.880%			
36) 1,2-Dichloropropane-d6	9.274	67	91847	26.525	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 106.120%			
41) Toluene-d8	10.323	98	278148	23.855	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 95.400%			
43) trans-1,3-Dichloroprop...	10.579	79	40979	25.248	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 101.000%			
47) 2-Hexanone-d5	10.920	63	48348	66.401	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 132.800%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	117581	30.727	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 122.920%#			
66) 1,2-Dichlorobenzene-d4	13.853	152	122568	26.407	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 105.640%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.001	85	37576	26.770	ug/L	99
3) Chloromethane	2.209	50	95901	27.899	ug/L	97
5) Vinyl chloride	2.355	62	148365	25.136	ug/L	99
6) Bromomethane	2.769	94	81210	21.271	ug/L	100
8) Chloroethane	2.910	64	68205	24.699	ug/L	97
9) Trichlorofluoromethane	3.245	101	65439	24.389	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	67335	25.644	ug/L	99
12) 1,1-Dichloroethene	4.031	96	51491	23.517	ug/L	93
13) Acetone	4.123	43	30028	51.903	ug/L	99
14) Carbon disulfide	4.379	76	126632	19.661	ug/L	97
15) Methyl Acetate	4.671	43	36707	28.349	ug/L	100
16) Methylene chloride	4.909	84	82297	25.480	ug/L	93
17) trans-1,2-Dichloroethene	5.421	96	64670	24.344	ug/L	95
18) Methyl tert-butyl Ether	5.427	73	119104	28.979	ug/L	99
19) 1,1-Dichloroethane	6.208	63	135711	27.694	ug/L	96
20) cis-1,2-Dichloroethene	7.165	96	80457	27.338	ug/L #	96
22) 2-Butanone	7.171	43	54394	57.211	ug/L	100
23) Bromochloromethane	7.519	128	40164	28.408	ug/L	97
25) Chloroform	7.671	83	164077	29.064	ug/L	98

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Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.396	62	116777	28.106	ug/L		100
29) Cyclohexane	7.957	56	94904	23.465	ug/L		99
30) 1,1,1-Trichloroethane	7.872	97	127303	26.587	ug/L		100
31) Carbon tetrachloride	8.067	117	113966	26.404	ug/L		99
33) Benzene	8.317	78	336274	26.759	ug/L		100
34) Trichloroethene	9.091	95	82711	24.925	ug/L		92
35) Methylcyclohexane	9.329	83	122319	24.207	ug/L		97
37) 1,2-Dichloropropane	9.366	63	88972	28.241	ug/L		98
38) Bromodichloromethane	9.640	83	128613	29.250	ug/L		97
39) cis-1,3-Dichloropropene	10.073	75	127857	26.925	ug/L		99
40) 4-Methyl-2-pentanone	10.207	43	134395	61.302	ug/L		99
42) Toluene	10.384	91	389189	27.156	ug/L		96
44) trans-1,3-Dichloropropene	10.603	75	127272	28.199	ug/L		99
45) 1,1,2-Trichloroethane	10.786	97	79028	28.688	ug/L		98
46) Tetrachloroethene	10.859	164	64176	25.011	ug/L		95
48) 2-Hexanone	10.969	43	99355	62.246	ug/L		98
49) Dibromochloromethane	11.128	129	94107	29.458	ug/L		96
50) 1,2-Dibromoethane	11.231	107	77015	29.100	ug/L		96
51) Chlorobenzene	11.652	112	264873	27.404	ug/L		98
52) Ethylbenzene	11.731	91	456770	28.047	ug/L		95
53) m,p-Xylene	11.841	106	177334	27.909	ug/L		84
54) o-Xylene	12.164	106	175628	28.781	ug/L		95
55) Styrene	12.176	104	329686	30.582	ug/L		94
57) 1,1,2,2-Tetrachloroethane	12.713	83	115669	30.783	ug/L		98
59) Bromoform	12.347	173	55632	29.017	ug/L	#	99
60) Isopropylbenzene	12.463	105	484308	27.729	ug/L		99
61) 1,2,3-Trichloropropane	12.768	75	80320	28.173	ug/L		97
62) 1,3,5-Trimethylbenzene	12.938	105	400364	27.999	ug/L		99
63) 1,2,4-Trimethylbenzene	13.249	105	407796	28.524	ug/L		99
64) 1,3-Dichlorobenzene	13.499	146	219000	27.616	ug/L		95
65) 1,4-Dichlorobenzene	13.572	146	232286	27.533	ug/L		96
67) 1,2-Dichlorobenzene	13.865	146	216182	28.906	ug/L		95
68) 1,2-Dibromo-3-chloropr...	14.481	75	17600	26.765	ug/L	#	78
69) 1,3,5-Trichlorobenzene	14.621	180	135161	25.751	ug/L		91
70) 1,2,4-trichlorobenzene	15.127	180	109375	26.986	ug/L		100
71) Naphthalene	15.359	128	253067	29.108	ug/L		99
72) 1,2,3-Trichlorobenzene	15.548	180	96844	25.635	ug/L		95

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

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