Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121621\
Data File : VW021404.D
Acq On : 16 Dec 2021 09:13
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025513

Quant Time: Dec 17 00:54:11 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Dec 16 00:57:02 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	94683	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	93665	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	54652	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	43588	25.277	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 101.120%			
7) Chloroethane-d5	2.879	69	32833	28.801	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 115.200%			
11) 1,1-Dichloroethene-d2	4.013	63	55850	24.293	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 97.160%			
21) 2-Butanone-d5	7.074	46	13021	53.568	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 107.140%			
24) Chloroform-d	7.647	84	67348	25.524	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 102.080%			
26) 1,2-Dichloroethane-d4	8.305	65	34775	24.776	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.120%			
32) Benzene-d6	8.275	84	125856	24.514	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 98.040%			
36) 1,2-Dichloropropane-d6	9.268	67	34095	24.762	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 99.040%			
41) Toluene-d8	10.323	98	124188	23.674	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 94.680%			
43) trans-1,3-Dichloroprop...	10.573	79	14831	23.393	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 93.560%			
47) 2-Hexanone-d5	10.921	63	10758	52.837	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 105.680%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	31924	26.971	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 107.880%			
66) 1,2-Dichlorobenzene-d4	13.853	152	52169	24.630	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 98.520%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	12784	34.945	ug/L	95
3) Chloromethane	2.215	50	28883	23.848	ug/L	99
5) Vinyl chloride	2.361	62	49217	25.886	ug/L	99
6) Bromomethane	2.776	94	33554	27.208	ug/L	94
8) Chloroethane	2.922	64	25510	29.123	ug/L	95
9) Trichlorofluoromethane	3.251	101	32302	32.199	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	33854	25.894	ug/L	91
12) 1,1-Dichloroethene	4.038	96	28965	24.680	ug/L	85
13) Acetone	4.129	43	8967	41.150	ug/L	96
14) Carbon disulfide	4.379	76	74723	24.654	ug/L	98
15) Methyl Acetate	4.672	43	9115	24.243	ug/L #	90
16) Methylene chloride	4.909	84	30523	19.510	ug/L	81
17) trans-1,2-Dichloroethene	5.422	96	31521	24.805	ug/L	83
18) Methyl tert-butyl Ether	5.428	73	40710	23.196	ug/L	93
19) 1,1-Dichloroethane	6.214	63	49715	24.931	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	32780	24.457	ug/L	80
22) 2-Butanone	7.165	43	12572	44.178	ug/L	86
23) Bromochloromethane	7.513	128	15548	24.809	ug/L #	65
25) Chloroform	7.677	83	58894	25.442	ug/L	100

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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	8.397	62	36042	24.587	ug/L		95
29) Cyclohexane	7.952	56	42891	23.006	ug/L	#	78
30) 1,1,1-Trichloroethane	7.872	97	50850	24.196	ug/L		94
31) Carbon tetrachloride	8.067	117	47653	24.580	ug/L		99
33) Benzene	8.323	78	120227	23.563	ug/L		100
34) Trichloroethene	9.092	95	34395	24.013	ug/L		94
35) Methylcyclohexane	9.335	83	54910	23.240	ug/L	#	84
37) 1,2-Dichloropropane	9.366	63	27376	24.054	ug/L	#	95
38) Bromodichloromethane	9.640	83	40534	25.903	ug/L		99
39) cis-1,3-Dichloropropene	10.067	75	43826	24.428	ug/L		97
40) 4-Methyl-2-pentanone	10.207	43	28001	45.153	ug/L	#	90
42) Toluene	10.384	91	144546	24.222	ug/L		98
44) trans-1,3-Dichloropropene	10.604	75	38610	24.570	ug/L		96
45) 1,1,2-Trichloroethane	10.786	97	22762	24.435	ug/L		94
46) Tetrachloroethene	10.860	164	32327	23.758	ug/L		96
48) 2-Hexanone	10.969	43	21754	48.373	ug/L	#	92
49) Dibromochloromethane	11.128	129	28491	24.810	ug/L		98
50) 1,2-Dibromoethane	11.238	107	21759	23.471	ug/L	#	86
51) Chlorobenzene	11.652	112	93092	23.301	ug/L		93
52) Ethylbenzene	11.725	91	162151	23.778	ug/L		98
53) m,p-Xylene	11.835	106	67442	24.515	ug/L		84
54) o-Xylene	12.164	106	63873	24.465	ug/L		98
55) Styrene	12.176	104	110115	24.782	ug/L		93
57) 1,1,2,2-Tetrachloroethane	12.713	83	26527	24.842	ug/L	#	96
59) Bromoform	12.347	173	16955	26.073	ug/L		97
60) Isopropylbenzene	12.463	105	177073	23.845	ug/L		95
61) 1,2,3-Trichloropropane	12.768	75	19054	23.955	ug/L	#	91
62) 1,3,5-Trimethylbenzene	12.938	105	153594	24.306	ug/L		96
63) 1,2,4-Trimethylbenzene	13.249	105	148791	23.869	ug/L		95
64) 1,3-Dichlorobenzene	13.493	146	79532	22.706	ug/L		98
65) 1,4-Dichlorobenzene	13.572	146	84445	24.265	ug/L		95
67) 1,2-Dichlorobenzene	13.871	146	77141	25.015	ug/L		94
68) 1,2-Dibromo-3-chloropr...	14.481	75	3814	23.247	ug/L	#	66
69) 1,3,5-Trichlorobenzene	14.627	180	64618	24.682	ug/L		98
70) 1,2,4-trichlorobenzene	15.127	180	51670	24.538	ug/L		97
71) Naphthalene	15.359	128	83989	24.550	ug/L		100
72) 1,2,3-Trichlorobenzene	15.554	180	43525	25.011	ug/L		97

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

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