Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071222\
Data File : VW023638.D
Acq On : 13 Jul 2022 05:37
Operator : SY/VA
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025598

Quant Time: Jul 13 06:16:52 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070722SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Jul 13 02:42:59 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	280231	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.627	117	274996	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	147116	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	112165	22.112	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 88.440%			
7) Chloroethane-d5	2.879	69	70728	24.379	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 97.520%			
11) 1,1-Dichloroethene-d2	4.013	63	124769	21.816	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 87.280%			
21) 2-Butanone-d5	7.073	46	52908	50.225	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 100.460%			
24) Chloroform-d	7.646	84	194923	24.420	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 97.680%			
26) 1,2-Dichloroethane-d4	8.305	65	110930	24.588	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.360%			
32) Benzene-d6	8.274	84	359132	23.603	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 94.400%			
36) 1,2-Dichloropropane-d6	9.274	67	107773	24.193	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 96.760%			
41) Toluene-d8	10.323	98	334422	22.675	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 90.720%			
43) trans-1,3-Dichloroprop...	10.579	79	42371	21.308	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 85.240%			
47) 2-Hexanone-d5	10.926	63	44803	51.424	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 102.840%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	116452	26.350	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 105.400%			
66) 1,2-Dichlorobenzene-d4	13.853	152	126834	23.896	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 95.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	36444	21.742	ug/L	96
3) Chloromethane	2.214	50	92262	23.768	ug/L	96
5) Vinyl chloride	2.355	62	163599	25.925	ug/L	95
6) Bromomethane	2.769	94	91432	25.098	ug/L	99
8) Chloroethane	2.916	64	64365	26.998	ug/L	91
9) Trichlorofluoromethane	3.251	101	63339	25.160	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	92310	23.097	ug/L	97
12) 1,1-Dichloroethene	4.037	96	79047	23.721	ug/L	95
13) Acetone	4.123	43	35101	45.212	ug/L	98
14) Carbon disulfide	4.385	76	220827	22.257	ug/L	100
15) Methyl Acetate	4.671	43	45314	24.867	ug/L	98
16) Methylene chloride	4.909	84	106593	22.429	ug/L	92
17) trans-1,2-Dichloroethene	5.421	96	95073	23.703	ug/L	99
18) Methyl tert-butyl Ether	5.433	73	152126	25.688	ug/L	99
19) 1,1-Dichloroethane	6.214	63	178611	25.386	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	112344	25.573	ug/L	96
22) 2-Butanone	7.171	43	66778	47.937	ug/L	96
23) Bromochloromethane	7.512	128	54129	24.762	ug/L #	88
25) Chloroform	7.677	83	207952	26.020	ug/L	97

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Quant Title : SFAM01.0
QLast Update : Wed Jul 13 02:42:59 2022
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.396	62	144699	26.754	ug/L		98
29) Cyclohexane	7.951	56	132806	23.215	ug/L		99
30) 1,1,1-Trichloroethane	7.866	97	159913	24.459	ug/L		99
31) Carbon tetrachloride	8.067	117	143419	23.678	ug/L		99
33) Benzene	8.323	78	437254	25.322	ug/L		100
34) Trichloroethene	9.091	95	110470	24.546	ug/L		93
35) Methylcyclohexane	9.335	83	164906	22.776	ug/L		98
37) 1,2-Dichloropropane	9.366	63	108001	25.871	ug/L		99
38) Bromodichloromethane	9.646	83	160419	27.216	ug/L		100
39) cis-1,3-Dichloropropene	10.073	75	151910	23.856	ug/L		100
40) 4-Methyl-2-pentanone	10.207	43	148063	53.274	ug/L		98
42) Toluene	10.384	91	489019	25.956	ug/L		98
44) trans-1,3-Dichloropropene	10.603	75	139325	23.729	ug/L		99
45) 1,1,2-Trichloroethane	10.786	97	92977	25.874	ug/L		94
46) Tetrachloroethene	10.865	164	79881	22.580	ug/L		86
48) 2-Hexanone	10.969	43	105182	53.417	ug/L		97
49) Dibromochloromethane	11.128	129	112453	26.288	ug/L		98
50) 1,2-Dibromoethane	11.231	107	91498	25.793	ug/L		92
51) Chlorobenzene	11.658	112	325618	25.384	ug/L		97
52) Ethylbenzene	11.731	91	538665	25.322	ug/L		100
53) m,p-Xylene	11.835	106	211977	25.687	ug/L		99
54) o-Xylene	12.164	106	204004	25.814	ug/L		96
55) Styrene	12.176	104	378667	27.554	ug/L		100
57) 1,1,2,2-Tetrachloroethane	12.713	83	120722	26.110	ug/L		96
59) Bromoform	12.347	173	60005	24.383	ug/L		95
60) Isopropylbenzene	12.463	105	540290	25.412	ug/L		99
61) 1,2,3-Trichloropropane	12.767	75	87495	26.162	ug/L		98
62) 1,3,5-Trimethylbenzene	12.938	105	448320	25.427	ug/L		100
63) 1,2,4-Trimethylbenzene	13.249	105	456347	25.874	ug/L		99
64) 1,3-Dichlorobenzene	13.499	146	241982	24.061	ug/L		92
65) 1,4-Dichlorobenzene	13.578	146	249017	24.413	ug/L		99
67) 1,2-Dichlorobenzene	13.865	146	231853	24.999	ug/L	#	91
68) 1,2-Dibromo-3-chloropr...	14.481	75	19169	24.322	ug/L		91
69) 1,3,5-Trichlorobenzene	14.627	180	141796	21.729	ug/L		96
70) 1,2,4-trichlorobenzene	15.133	180	111453	21.138	ug/L		93
71) Naphthalene	15.365	128	274947	24.157	ug/L		100
72) 1,2,3-Trichlorobenzene	15.554	180	112523	23.022	ug/L		100

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

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