Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062222\
Data File : VW023506.D
Acq On : 22 Jun 2022 12:37
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025578

Quant Time: Jun 23 01:19:20 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061022SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Jun 22 01:04:18 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	373404	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	359224	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	200752	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	117583	19.821	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 79.280%			
7) Chloroethane-d5	2.886	69	91474	20.977	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 83.920%			
11) 1,1-Dichloroethene-d2	4.026	63	186545	22.529	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 90.120%			
21) 2-Butanone-d5	7.080	46	67959	56.108	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 112.220%			
24) Chloroform-d	7.647	84	255212	24.829	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 99.320%			
26) 1,2-Dichloroethane-d4	8.305	65	132060	23.855	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.400%			
32) Benzene-d6	8.275	84	445825	23.407	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 93.640%			
36) 1,2-Dichloropropane-d6	9.275	67	139741	24.902	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 99.600%			
41) Toluene-d8	10.323	98	441427	23.727	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 94.920%			
43) trans-1,3-Dichloroprop...	10.579	79	61829	24.140	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 96.560%			
47) 2-Hexanone-d5	10.927	63	54900	61.226	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 122.460%			
56) 1,1,2,2-Tetrachloroeth...	12.695	84	139200	26.559	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 106.240%			
66) 1,2-Dichlorobenzene-d4	13.853	152	178453	24.624	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 98.480%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.008	85	35844	26.326	ug/L	94
3) Chloromethane	2.221	50	110592	24.555	ug/L	98
5) Vinyl chloride	2.361	62	171456	24.426	ug/L	97
6) Bromomethane	2.782	94	82785	20.838	ug/L	88
8) Chloroethane	2.922	64	85593	23.018	ug/L	92
9) Trichlorofluoromethane	3.257	101	87588	27.667	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	125695	27.540	ug/L	97
12) 1,1-Dichloroethene	4.038	96	105205	25.875	ug/L	95
13) Acetone	4.123	43	43011	49.288	ug/L	100
14) Carbon disulfide	4.385	76	279161	22.320	ug/L	99
15) Methyl Acetate	4.672	43	46596	23.916	ug/L	94
16) Methylene chloride	4.916	84	123551	24.448	ug/L	98
17) trans-1,2-Dichloroethene	5.428	96	119655	24.856	ug/L	97
18) Methyl tert-butyl Ether	5.428	73	193110	26.653	ug/L	98
19) 1,1-Dichloroethane	6.220	63	217709	25.248	ug/L	95
20) cis-1,2-Dichloroethene	7.171	96	134257	25.502	ug/L #	99
22) 2-Butanone	7.171	43	68392	51.204	ug/L	98
23) Bromochloromethane	7.519	128	62538	25.786	ug/L	95
25) Chloroform	7.677	83	245317	25.211	ug/L	96

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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	8.403	62	155404	24.148	ug/L	100
29) Cyclohexane	7.958	56	176044	24.331	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	212199	25.519	ug/L	99
31) Carbon tetrachloride	8.068	117	191955	25.058	ug/L	98
33) Benzene	8.324	78	508437	24.501	ug/L	100
34) Trichloroethene	9.092	95	134909	24.255	ug/L	98
35) Methylcyclohexane	9.336	83	222069	24.661	ug/L	99
37) 1,2-Dichloropropane	9.366	63	124586	24.567	ug/L	99
38) Bromodichloromethane	9.646	83	181007	25.378	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	194174	24.987	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	147674	51.055	ug/L	98
42) Toluene	10.390	91	567337	24.470	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	179282	25.567	ug/L	98
45) 1,1,2-Trichloroethane	10.787	97	102830	24.685	ug/L	98
46) Tetrachloroethene	10.860	164	108308	25.224	ug/L	87
48) 2-Hexanone	10.969	43	102534	52.454	ug/L	97
49) Dibromochloromethane	11.128	129	128011	26.240	ug/L	94
50) 1,2-Dibromoethane	11.238	107	98341	25.254	ug/L	100
51) Chlorobenzene	11.658	112	385903	24.663	ug/L	99
52) Ethylbenzene	11.731	91	647487	24.572	ug/L	98
53) m,p-Xylene	11.835	106	256122	24.974	ug/L	92
54) o-Xylene	12.164	106	252063	25.720	ug/L	97
55) Styrene	12.177	104	435253	25.543	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	127591	25.222	ug/L	98
59) Bromoform	12.347	173	72486	25.402	ug/L	100
60) Isopropylbenzene	12.463	105	689465	23.993	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	88972	23.292	ug/L	99
62) 1,3,5-Trimethylbenzene	12.939	105	584201	24.858	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	575671	24.477	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	310562	24.362	ug/L	88
65) 1,4-Dichlorobenzene	13.579	146	314933	24.194	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	293269	25.117	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.481	75	19559	23.189	ug/L	93
69) 1,3,5-Trichlorobenzene	14.627	180	212844	25.552	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	163305	25.177	ug/L	98
71) Naphthalene	15.359	128	333135	26.109	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	143446	25.439	ug/L	96

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

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