Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051622\
Data File : VW023061.D
Acq On : 16 May 2022 18:49
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025533

Quant Time: May 17 01:30:39 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0
QLast Update : Tue May 17 01:24:30 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	319185	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	318217	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	171488	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	163846	25.020	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 100.080%			
7) Chloroethane-d5	2.879	69	117373	27.550	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 110.200%			
11) 1,1-Dichloroethene-d2	4.019	63	187976	22.216	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 88.880%			
21) 2-Butanone-d5	7.074	46	70614	56.714	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 113.420%			
24) Chloroform-d	7.653	84	246367	26.346	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 105.400%			
26) 1,2-Dichloroethane-d4	8.305	65	140903	27.473	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 109.880%			
32) Benzene-d6	8.275	84	486341	26.515	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 106.080%			
36) 1,2-Dichloropropane-d6	9.274	67	140890	27.345	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 109.400%			
41) Toluene-d8	10.323	98	474682	26.791	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 107.160%			
43) trans-1,3-Dichloroprop...	10.579	79	65457	27.592	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 110.360%			
47) 2-Hexanone-d5	10.920	63	61078	62.099	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 124.200%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	140792	29.318	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 117.280%			
66) 1,2-Dichlorobenzene-d4	13.853	152	177863	29.670	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 118.680%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	54473	31.307	ug/L	98
3) Chloromethane	2.215	50	80430	23.921	ug/L	99
5) Vinyl chloride	2.361	62	138624	20.543	ug/L	96
6) Bromomethane	2.776	94	82884	19.131	ug/L	95
8) Chloroethane	2.916	64	73474	22.575	ug/L	98
9) Trichlorofluoromethane	3.251	101	52753	17.104	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	102915	22.317	ug/L	96
12) 1,1-Dichloroethene	4.044	96	84411	20.648	ug/L	94
13) Acetone	4.123	43	37956	40.717	ug/L	99
14) Carbon disulfide	4.385	76	174005	15.525	ug/L	98
15) Methyl Acetate	4.672	43	45880	24.499	ug/L	98
16) Methylene chloride	4.915	84	109674	23.482	ug/L	98
17) trans-1,2-Dichloroethene	5.421	96	95219	20.698	ug/L	97
18) Methyl tert-butyl Ether	5.428	73	176155	25.083	ug/L	99
19) 1,1-Dichloroethane	6.214	63	180970	23.210	ug/L	95
20) cis-1,2-Dichloroethene	7.165	96	114983	23.270	ug/L #	94
22) 2-Butanone	7.177	43	63654	48.827	ug/L	99
23) Bromochloromethane	7.513	128	54469	23.538	ug/L	89
25) Chloroform	7.677	83	210135	24.373	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	8.396	62	140485	24.445	ug/L	100
29) Cyclohexane	7.958	56	137187	19.934	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	170027	22.610	ug/L	99
31) Carbon tetrachloride	8.067	117	155910	22.164	ug/L	99
33) Benzene	8.323	78	423668	22.600	ug/L	100
34) Trichloroethene	9.091	95	112889	21.897	ug/L	98
35) Methylcyclohexane	9.335	83	172850	20.409	ug/L	99
37) 1,2-Dichloropropane	9.366	63	108317	23.877	ug/L	99
38) Bromodichloromethane	9.646	83	154910	24.041	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	174996	24.878	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	149077	52.136	ug/L	99
42) Toluene	10.384	91	484562	23.065	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	158420	25.232	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	97592	25.734	ug/L	96
46) Tetrachloroethene	10.859	164	86805	22.405	ug/L	89
48) 2-Hexanone	10.969	43	105604	55.275	ug/L	97
49) Dibromochloromethane	11.128	129	118787	26.025	ug/L	95
50) 1,2-Dibromoethane	11.237	107	93650	24.593	ug/L	93
51) Chlorobenzene	11.658	112	330454	23.859	ug/L	98
52) Ethylbenzene	11.731	91	558864	23.911	ug/L	99
53) m,p-Xylene	11.835	106	221189	24.018	ug/L	95
54) o-Xylene	12.164	106	219654	24.855	ug/L	95
55) Styrene	12.176	104	379877	25.296	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	124548	26.294	ug/L	94
59) Bromoform	12.347	173	62491	25.713	ug/L	98
60) Isopropylbenzene	12.463	105	581199	24.739	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	91129	26.595	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	335418	25.663	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	506297	25.798	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	282751	26.957	ug/L	92
65) 1,4-Dichlorobenzene	13.578	146	277380	25.602	ug/L	97
67) 1,2-Dichlorobenzene	13.871	146	253779	26.440	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	20323	27.139	ug/L	92
69) 1,3,5-Trichlorobenzene	14.627	180	186966	26.853	ug/L	99
70) 1,2,4-trichlorobenzene	15.133	180	161150	28.773	ug/L	97
71) Naphthalene	15.365	128	357059	29.332	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	140254	28.255	ug/L	99

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

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