Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100422\
Data File : VW024712.D
Acq On : 04 Oct 2022 08:46
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025582

Quant Time: Oct 05 07:17:39 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092622SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Sep 30 22:12:13 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	590973	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	525156	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	248241	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	147561	23.865	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 95.480%			
7) Chloroethane-d5	2.885	69	85612	23.827	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 95.320%			
11) 1,1-Dichloroethene-d2	4.026	63	342593	23.939	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 95.760%			
21) 2-Butanone-d5	7.080	46	100222	45.084	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 90.160%			
24) Chloroform-d	7.647	84	366997	23.229	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 92.920%			
26) 1,2-Dichloroethane-d4	8.305	65	179490	21.900	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 87.600%			
32) Benzene-d6	8.275	84	725717	21.621	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 86.480%			
36) 1,2-Dichloropropane-d6	9.275	67	228421	22.273	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 89.080%			
41) Toluene-d8	10.323	98	636324	21.211	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 84.840%			
43) trans-1,3-Dichloroprop...	10.579	79	86017	18.834	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 75.320%			
47) 2-Hexanone-d5	10.921	63	75601	43.085	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 86.160%			
56) 1,1,2,2-Tetrachloroeth...	12.689	84	167671	22.945	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 91.800%			
66) 1,2-Dichlorobenzene-d4	13.847	152	200468	22.949	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 91.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	55510	15.299	ug/L	91
3) Chloromethane	2.215	50	139447	19.736	ug/L	97
5) Vinyl chloride	2.361	62	223848	30.813	ug/L	97
6) Bromomethane	2.782	94	101575	30.296	ug/L	94
8) Chloroethane	2.922	64	84400	27.557	ug/L	96
9) Trichlorofluoromethane	3.257	101	107991	26.571	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	213888	27.593	ug/L #	78
12) 1,1-Dichloroethene	4.044	96	210281	27.200	ug/L	90
13) Acetone	4.123	43	109729	67.655	ug/L	97
14) Carbon disulfide	4.385	76	678323	27.793	ug/L	100
15) Methyl Acetate	4.672	43	87347	24.321	ug/L	98
16) Methylene chloride	4.916	84	217278	18.721	ug/L	98
17) trans-1,2-Dichloroethene	5.422	96	225915	26.008	ug/L	95
18) Methyl tert-butyl Ether	5.428	73	328065	23.820	ug/L	100
19) 1,1-Dichloroethane	6.214	63	415812	25.586	ug/L	96
20) cis-1,2-Dichloroethene	7.165	96	237119	25.441	ug/L	96
22) 2-Butanone	7.171	43	134287	51.764	ug/L	99
23) Bromochloromethane	7.513	128	94013	24.818	ug/L	96
25) Chloroform	7.677	83	391652	25.414	ug/L	94

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Quant Title : SFAM01.0
QLast Update : Fri Sep 30 22:12:13 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	243812	25.143	ug/L	99
29) Cyclohexane	7.952	56	411317	25.147	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	317153	24.958	ug/L	99
31) Carbon tetrachloride	8.067	117	271382	25.219	ug/L	100
33) Benzene	8.324	78	931210	25.335	ug/L	100
34) Trichloroethene	9.092	95	235933	25.325	ug/L	95
35) Methylcyclohexane	9.336	83	426287	24.961	ug/L	99
37) 1,2-Dichloropropane	9.366	63	230032	25.350	ug/L	99
38) Bromodichloromethane	9.640	83	275586	24.690	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	342818	23.891	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	253273	47.155	ug/L	99
42) Toluene	10.384	91	964008	25.397	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	279542	22.722	ug/L	99
45) 1,1,2-Trichloroethane	10.787	97	156145	25.192	ug/L	98
46) Tetrachloroethene	10.860	164	155296	24.534	ug/L	85
48) 2-Hexanone	10.969	43	184532	50.808	ug/L	100
49) Dibromochloromethane	11.128	129	167920	24.059	ug/L	98
50) 1,2-Dibromoethane	11.232	107	140285	23.912	ug/L	98
51) Chlorobenzene	11.652	112	589788	25.377	ug/L	98
52) Ethylbenzene	11.725	91	1066284	25.504	ug/L	99
53) m,p-Xylene	11.835	106	413384	25.321	ug/L	95
54) o-Xylene	12.164	106	392882	25.483	ug/L	97
55) Styrene	12.177	104	658396	25.332	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	180143	24.823	ug/L	100
59) Bromoform	12.347	173	79551	22.671	ug/L	98
60) Isopropylbenzene	12.463	105	1057115	26.128	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	131402	24.573	ug/L	99
62) 1,3,5-Trimethylbenzene	12.939	105	908207	25.827	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	880669	25.564	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	413163	25.136	ug/L	94
65) 1,4-Dichlorobenzene	13.573	146	409418	25.587	ug/L	91
67) 1,2-Dichlorobenzene	13.865	146	368210	25.719	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	27534	21.774	ug/L	97
69) 1,3,5-Trichlorobenzene	14.621	180	284264	26.046	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	219500	23.940	ug/L	98
71) Naphthalene	15.359	128	483498	24.219	ug/L	98
72) 1,2,3-Trichlorobenzene	15.548	180	186246	23.868	ug/L	98

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

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