Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082322\
Data File : VW024299.D
Acq On : 23 Aug 2022 12:13
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025544

Quant Time: Aug 24 01:02:49 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Aug 20 00:56:10 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	267277	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	263599	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	154760	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	120372	21.546	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 86.200%			
7) Chloroethane-d5	2.873	69	86151	24.754	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 99.000%			
11) 1,1-Dichloroethene-d2	4.007	63	151927	23.862	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 95.440%			
21) 2-Butanone-d5	7.074	46	59271	57.025	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 114.040%			
24) Chloroform-d	7.647	84	206674	25.556	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 102.240%			
26) 1,2-Dichloroethane-d4	8.299	65	113568	25.294	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.160%			
32) Benzene-d6	8.269	84	361814	23.274	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 93.080%			
36) 1,2-Dichloropropane-d6	9.268	67	110199	24.008	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 96.040%			
41) Toluene-d8	10.323	98	336787	23.177	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 92.720%			
43) trans-1,3-Dichloroprop...	10.573	79	51733	25.732	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 102.920%			
47) 2-Hexanone-d5	10.927	63	46301	54.613	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 109.220%			
56) 1,1,2,2-Tetrachloroeth...	12.689	84	118669	26.647	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 106.600%			
66) 1,2-Dichlorobenzene-d4	13.853	152	138772	24.504	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 98.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.001	85	59487	25.298	ug/L	96
3) Chloromethane	2.209	50	108119	24.516	ug/L	99
5) Vinyl chloride	2.349	62	158719	25.854	ug/L	97
6) Bromomethane	2.763	94	97736	27.766	ug/L	92
8) Chloroethane	2.904	64	72880	27.102	ug/L	99
9) Trichlorofluoromethane	3.245	101	64911	22.305	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.044	101	107072	27.280	ug/L	97
12) 1,1-Dichloroethene	4.032	96	87053	27.092	ug/L	87
13) Acetone	4.129	43	38798	50.700	ug/L	63
14) Carbon disulfide	4.373	76	220186	21.414	ug/L	97
15) Methyl Acetate	4.666	43	44987	26.100	ug/L	95
16) Methylene chloride	4.909	84	106470	22.589	ug/L	98
17) trans-1,2-Dichloroethene	5.415	96	94193	25.384	ug/L	96
18) Methyl tert-butyl Ether	5.422	73	165779	31.330	ug/L	98
19) 1,1-Dichloroethane	6.208	63	178113	27.249	ug/L	96
20) cis-1,2-Dichloroethene	7.165	96	105854	25.975	ug/L #	99
22) 2-Butanone	7.171	43	63047	48.893	ug/L	98
23) Bromochloromethane	7.507	128	52696	25.965	ug/L	97
25) Chloroform	7.671	83	202852	28.163	ug/L	96

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Quant Title : SFAM01.0
QLast Update : Sat Aug 20 00:56:10 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	134745	27.801	ug/L	99
29) Cyclohexane	7.952	56	137993	25.534	ug/L	98
30) 1,1,1-Trichloroethane	7.866	97	164660	27.699	ug/L	100
31) Carbon tetrachloride	8.061	117	153444	27.361	ug/L	98
33) Benzene	8.317	78	402951	25.882	ug/L	100
34) Trichloroethene	9.086	95	105630	25.669	ug/L	95
35) Methylcyclohexane	9.329	83	162850	25.236	ug/L	99
37) 1,2-Dichloropropane	9.366	63	102583	26.655	ug/L	100
38) Bromodichloromethane	9.640	83	153182	28.379	ug/L	98
39) cis-1,3-Dichloropropene	10.067	75	155746	27.508	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	140544	55.025	ug/L	99
42) Toluene	10.384	91	448748	27.124	ug/L	100
44) trans-1,3-Dichloropropene	10.604	75	148413	28.687	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	85728	26.429	ug/L	99
46) Tetrachloroethene	10.860	164	85001	25.515	ug/L	92
48) 2-Hexanone	10.963	43	97181	56.064	ug/L	98
49) Dibromochloromethane	11.128	129	109783	28.113	ug/L	84
50) 1,2-Dibromoethane	11.231	107	83748	26.947	ug/L	98
51) Chlorobenzene	11.652	112	297917	26.356	ug/L	95
52) Ethylbenzene	11.725	91	498619	27.509	ug/L	100
53) m,p-Xylene	11.835	106	197702	28.020	ug/L	94
54) o-Xylene	12.164	106	184201	27.634	ug/L	96
55) Styrene	12.176	104	335789	28.965	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	108617	26.793	ug/L	97
59) Bromoform	12.347	173	63471	26.888	ug/L	99
60) Isopropylbenzene	12.463	105	512108	27.335	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	77440	25.144	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	446826	28.861	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	430751	28.251	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	244628	26.665	ug/L	93
65) 1,4-Dichlorobenzene	13.579	146	244391	25.157	ug/L	93
67) 1,2-Dichlorobenzene	13.865	146	227990	26.171	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	18943	26.325	ug/L	97
69) 1,3,5-Trichlorobenzene	14.621	180	167631	27.866	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	141310	29.332	ug/L	97
71) Naphthalene	15.359	128	285389	30.413	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	130249	29.696	ug/L	99

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

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