Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081522\
Data File : VW024235.D
Acq On : 15 Aug 2022 14:31
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025534

Quant Time: Aug 16 01:14:35 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Aug 12 23:04:35 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.836	114	266239	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	273034	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	161494	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	119351	21.447	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 85.800%			
7) Chloroethane-d5	2.867	69	83289	24.025	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 96.120%			
11) 1,1-Dichloroethene-d2	4.007	63	132329	20.865	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 83.440%			
21) 2-Butanone-d5	7.080	46	56044	54.130	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 108.260%			
24) Chloroform-d	7.641	84	194413	24.133	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 96.520%			
26) 1,2-Dichloroethane-d4	8.299	65	104783	23.428	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.720%			
32) Benzene-d6	8.269	84	348923	21.669	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 86.680%			
36) 1,2-Dichloropropane-d6	9.268	67	110256	23.191	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 92.760%			
41) Toluene-d8	10.317	98	341650	22.700	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 90.800%			
43) trans-1,3-Dichloroprop...	10.573	79	49206	23.629	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 94.520%			
47) 2-Hexanone-d5	10.921	63	46087	52.482	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 104.960%			
56) 1,1,2,2-Tetrachloroeth...	12.689	84	123143	26.697	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 106.800%			
66) 1,2-Dichlorobenzene-d4	13.847	152	147121	24.895	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 99.560%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.001	85	56333	24.050	ug/L	97
3) Chloromethane	2.209	50	113181	25.764	ug/L	98
5) Vinyl chloride	2.349	62	168302	27.522	ug/L	97
6) Bromomethane	2.763	94	102723	29.297	ug/L	88
8) Chloroethane	2.910	64	75179	28.066	ug/L	99
9) Trichlorofluoromethane	3.239	101	70466	24.308	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.044	101	89689	22.940	ug/L	96
12) 1,1-Dichloroethene	4.025	96	75410	23.560	ug/L	93
13) Acetone	4.117	43	41430	54.351	ug/L	68
14) Carbon disulfide	4.367	76	204783	19.994	ug/L	96
15) Methyl Acetate	4.666	43	40345	23.498	ug/L	99
16) Methylene chloride	4.903	84	100094	21.319	ug/L	94
17) trans-1,2-Dichloroethene	5.409	96	88047	23.820	ug/L	96
18) Methyl tert-butyl Ether	5.428	73	151826	28.805	ug/L	99
19) 1,1-Dichloroethane	6.202	63	171142	26.285	ug/L	99
20) cis-1,2-Dichloroethene	7.159	96	102034	25.135	ug/L #	98
22) 2-Butanone	7.165	43	61557	47.924	ug/L	100
23) Bromochloromethane	7.507	128	47825	23.657	ug/L	92
25) Chloroform	7.671	83	192273	26.798	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	8.397	62	128717	26.661	ug/L	100
29) Cyclohexane	7.952	56	141144	25.215	ug/L	99
30) 1,1,1-Trichloroethane	7.866	97	158558	25.751	ug/L	99
31) Carbon tetrachloride	8.061	117	143042	24.625	ug/L	96
33) Benzene	8.317	78	411564	25.522	ug/L	100
34) Trichloroethene	9.086	95	108600	25.479	ug/L	95
35) Methylcyclohexane	9.329	83	178625	26.724	ug/L	96
37) 1,2-Dichloropropane	9.366	63	106219	26.646	ug/L	100
38) Bromodichloromethane	9.640	83	149571	26.752	ug/L	97
39) cis-1,3-Dichloropropene	10.067	75	162898	27.777	ug/L	95
40) 4-Methyl-2-pentanone	10.207	43	136779	51.701	ug/L	99
42) Toluene	10.384	91	471791	27.532	ug/L	100
44) trans-1,3-Dichloropropene	10.604	75	151075	28.193	ug/L	98
45) 1,1,2-Trichloroethane	10.780	97	89669	26.688	ug/L	95
46) Tetrachloroethene	10.860	164	86758	25.142	ug/L	88
48) 2-Hexanone	10.963	43	97237	54.158	ug/L	98
49) Dibromochloromethane	11.122	129	107909	26.678	ug/L	94
50) 1,2-Dibromoethane	11.231	107	83561	25.958	ug/L	95
51) Chlorobenzene	11.652	112	316756	27.054	ug/L	94
52) Ethylbenzene	11.725	91	537117	28.608	ug/L	100
53) m,p-Xylene	11.835	106	212097	29.022	ug/L	95
54) o-Xylene	12.164	106	204894	29.676	ug/L	91
55) Styrene	12.176	104	362393	30.179	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	115115	27.415	ug/L	98
59) Bromoform	12.347	173	62760	25.478	ug/L	98
60) Isopropylbenzene	12.463	105	559700	28.629	ug/L	99
61) 1,2,3-Trichloropropane	12.762	75	80515	25.052	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	471584	29.190	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	468579	29.450	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	265264	27.709	ug/L	92
65) 1,4-Dichlorobenzene	13.573	146	270420	26.676	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	251283	27.642	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	18045	24.031	ug/L	97
69) 1,3,5-Trichlorobenzene	14.627	180	186515	29.712	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	156531	31.137	ug/L	99
71) Naphthalene	15.359	128	307253	31.378	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	137551	30.054	ug/L	93

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

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