Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072622\
Data File : VW024107.D
Acq On : 26 Jul 2022 17:52
Operator : SY/VA
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025509

Quant Time: Jul 26 23:44:01 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072522SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Jul 26 23:39:35 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	210217	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	224791	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	133867	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	126505	28.075	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 112.280%			
7) Chloroethane-d5	2.873	69	86304	28.347	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 113.400%			
11) 1,1-Dichloroethene-d2	4.019	63	98523	24.832	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 99.320%			
21) 2-Butanone-d5	7.080	46	38930	48.612	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 97.220%			
24) Chloroform-d	7.647	84	142821	24.713	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 98.840%			
26) 1,2-Dichloroethane-d4	8.305	65	83164	25.047	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.200%			
32) Benzene-d6	8.275	84	264139	25.295	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 101.200%			
36) 1,2-Dichloropropane-d6	9.275	67	79340	24.089	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 96.360%			
41) Toluene-d8	10.323	98	269611	25.817	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 103.280%			
43) trans-1,3-Dichloroprop...	10.573	79	35712	24.454	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 97.800%			
47) 2-Hexanone-d5	10.921	63	35312	51.283	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 102.560%			
56) 1,1,2,2-Tetrachloroeth...	12.689	84	98956	26.039	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 104.160%			
66) 1,2-Dichlorobenzene-d4	13.853	152	108573	25.043	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 100.160%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.001	85	38106	24.544	ug/L	96
3) Chloromethane	2.209	50	106647	26.458	ug/L	96
5) Vinyl chloride	2.349	62	171812	27.348	ug/L	99
6) Bromomethane	2.770	94	94535	27.238	ug/L	94
8) Chloroethane	2.910	64	82290	29.776	ug/L	98
9) Trichlorofluoromethane	3.245	101	67160	22.963	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	68232	25.191	ug/L #	76
12) 1,1-Dichloroethene	4.032	96	54788	24.678	ug/L	90
13) Acetone	4.129	43	28048	49.356	ug/L	100
14) Carbon disulfide	4.373	76	171731	25.184	ug/L	99
15) Methyl Acetate	4.672	43	35817	26.128	ug/L	94
16) Methylene chloride	4.909	84	82871	25.900	ug/L	100
17) trans-1,2-Dichloroethene	5.415	96	71040	26.152	ug/L	97
18) Methyl tert-butyl Ether	5.428	73	111061	27.582	ug/L	99
19) 1,1-Dichloroethane	6.214	63	135387	26.386	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	79169	26.541	ug/L	89
22) 2-Butanone	7.171	43	51071	55.992	ug/L	97
23) Bromochloromethane	7.513	128	41386	26.960	ug/L	87
25) Chloroform	7.671	83	155852	26.251	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	115846	27.397	ug/L	99
29) Cyclohexane	7.952	56	108242	26.135	ug/L	99
30) 1,1,1-Trichloroethane	7.866	97	124370	24.752	ug/L	100
31) Carbon tetrachloride	8.067	117	116986	25.258	ug/L	99
33) Benzene	8.317	78	345038	26.570	ug/L	100
34) Trichloroethene	9.086	95	84642	24.614	ug/L	95
35) Methylcyclohexane	9.335	83	138435	26.498	ug/L	97
37) 1,2-Dichloropropane	9.366	63	87889	26.770	ug/L	99
38) Bromodichloromethane	9.646	83	123090	26.296	ug/L	98
39) cis-1,3-Dichloropropene	10.067	75	120845	25.264	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	128052	56.052	ug/L	99
42) Toluene	10.384	91	412569	28.088	ug/L	100
44) trans-1,3-Dichloropropene	10.604	75	119525	26.387	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	76958	26.833	ug/L	98
46) Tetrachloroethene	10.860	164	66843	24.836	ug/L	94
48) 2-Hexanone	10.969	43	93651	56.567	ug/L	99
49) Dibromochloromethane	11.128	129	93338	27.852	ug/L	94
50) 1,2-Dibromoethane	11.231	107	75890	27.026	ug/L	96
51) Chlorobenzene	11.658	112	272362	27.551	ug/L	91
52) Ethylbenzene	11.731	91	462058	28.544	ug/L	98
53) m,p-Xylene	11.835	106	183455	29.198	ug/L	94
54) o-Xylene	12.164	106	183235	30.495	ug/L	91
55) Styrene	12.176	104	333320	30.965	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	109076	27.441	ug/L	97
59) Bromoform	12.347	173	56649	27.377	ug/L	99
60) Isopropylbenzene	12.463	105	498249	29.384	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	79412	26.392	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	403467	29.576	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	411470	29.802	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	223133	27.514	ug/L	95
65) 1,4-Dichlorobenzene	13.573	146	225306	26.171	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	220856	29.115	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	17989	26.756	ug/L	97
69) 1,3,5-Trichlorobenzene	14.627	180	137438	26.575	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	103900	26.515	ug/L	94
71) Naphthalene	15.359	128	245332	29.258	ug/L	98
72) 1,2,3-Trichlorobenzene	15.554	180	98699	26.777	ug/L	99

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

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