Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082422\
Data File : VW024336.D
Acq On : 24 Aug 2022 21:32
Operator : SY/VA
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025547

Quant Time: Aug 25 03:56:11 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Aug 25 01:31:24 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	241050	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	263908	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	158811	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.337	65	120907	23.996	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 96.000%			
7) Chloroethane-d5	2.873	69	92581	29.496	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 118.000%			
11) 1,1-Dichloroethene-d2	4.013	63	104375	18.177	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 72.720%			
21) 2-Butanone-d5	7.074	46	56862	60.660	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 121.320%			
24) Chloroform-d	7.641	84	171925	23.572	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 94.280%			
26) 1,2-Dichloroethane-d4	8.305	65	111979	27.654	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 110.600%			
32) Benzene-d6	8.269	84	322412	20.715	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 82.840%			
36) 1,2-Dichloropropane-d6	9.268	67	107810	23.460	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 93.840%			
41) Toluene-d8	10.323	98	306895	21.096	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 84.400%			
43) trans-1,3-Dichloroprop...	10.573	79	45110	22.411	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 89.640%			
47) 2-Hexanone-d5	10.921	63	55443	65.319	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 130.640%			
56) 1,1,2,2-Tetrachloroeth...	12.689	84	136678	30.655	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 122.640%#			
66) 1,2-Dichlorobenzene-d4	13.853	152	126961	21.846	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 87.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.001	85	50957	24.028	ug/L	98
3) Chloromethane	2.209	50	89046	22.388	ug/L	99
5) Vinyl chloride	2.349	62	178044	32.157	ug/L	99
6) Bromomethane	2.763	94	105652	33.281	ug/L	99
8) Chloroethane	2.904	64	84558	34.866	ug/L	97
9) Trichlorofluoromethane	3.245	101	54384	20.721	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.044	101	74086	20.930	ug/L	92
12) 1,1-Dichloroethene	4.032	96	60335	20.820	ug/L	90
13) Acetone	4.123	43	32947	47.739	ug/L	65
14) Carbon disulfide	4.373	76	149861	16.161	ug/L	98
15) Methyl Acetate	4.672	43	42223	27.162	ug/L #	89
16) Methylene chloride	4.909	84	92108	21.668	ug/L	89
17) trans-1,2-Dichloroethene	5.415	96	73291	21.900	ug/L	93
18) Methyl tert-butyl Ether	5.428	73	145673	30.526	ug/L	96
19) 1,1-Dichloroethane	6.208	63	157006	26.633	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	94204	25.631	ug/L #	96
22) 2-Butanone	7.171	43	69558	59.811	ug/L	93
23) Bromochloromethane	7.513	128	42643	23.298	ug/L	85
25) Chloroform	7.671	83	182728	28.129	ug/L	98

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Quant Title : SFAM01.0
QLast Update : Thu Aug 25 01:31:24 2022
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.397	62	138224	31.622	ug/L		99
29) Cyclohexane	7.952	56	118056	21.820	ug/L		97
30) 1,1,1-Trichloroethane	7.866	97	134975	22.679	ug/L		96
31) Carbon tetrachloride	8.061	117	117956	21.008	ug/L		97
33) Benzene	8.317	78	415409	26.651	ug/L		100
34) Trichloroethene	9.092	95	93349	22.658	ug/L		95
35) Methylcyclohexane	9.335	83	148508	22.987	ug/L		97
37) 1,2-Dichloropropane	9.366	63	108504	28.161	ug/L		99
38) Bromodichloromethane	9.640	83	148663	27.509	ug/L		99
39) cis-1,3-Dichloropropene	10.073	75	149498	26.373	ug/L		99
40) 4-Methyl-2-pentanone	10.213	43	163780	64.048	ug/L		96
42) Toluene	10.384	91	469038	28.317	ug/L		96
44) trans-1,3-Dichloropropene	10.604	75	149422	28.848	ug/L		97
45) 1,1,2-Trichloroethane	10.786	97	91950	28.313	ug/L		95
46) Tetrachloroethene	10.860	164	70917	21.262	ug/L		95
48) 2-Hexanone	10.969	43	123185	70.983	ug/L		98
49) Dibromochloromethane	11.128	129	106019	27.117	ug/L		99
50) 1,2-Dibromoethane	11.231	107	84110	27.032	ug/L	#	98
51) Chlorobenzene	11.658	112	307076	27.135	ug/L		94
52) Ethylbenzene	11.731	91	525735	28.971	ug/L		100
53) m,p-Xylene	11.841	106	203070	28.748	ug/L		98
54) o-Xylene	12.164	106	201272	30.160	ug/L		98
55) Styrene	12.176	104	372678	32.109	ug/L		96
57) 1,1,2,2-Tetrachloroethane	12.713	83	130973	32.270	ug/L		98
59) Bromoform	12.347	173	60049	24.789	ug/L		98
60) Isopropylbenzene	12.463	105	556907	28.968	ug/L		98
61) 1,2,3-Trichloropropane	12.768	75	93563	29.604	ug/L		97
62) 1,3,5-Trimethylbenzene	12.938	105	463429	29.170	ug/L		98
63) 1,2,4-Trimethylbenzene	13.249	105	465428	29.746	ug/L		98
64) 1,3-Dichlorobenzene	13.499	146	247141	26.252	ug/L		95
65) 1,4-Dichlorobenzene	13.573	146	249754	25.054	ug/L		90
67) 1,2-Dichlorobenzene	13.865	146	237613	26.579	ug/L		95
68) 1,2-Dibromo-3-chloropr...	14.481	75	20615	27.918	ug/L	#	74
69) 1,3,5-Trichlorobenzene	14.627	180	150163	24.325	ug/L		99
70) 1,2,4-trichlorobenzene	15.127	180	112433	22.743	ug/L		94
71) Naphthalene	15.365	128	271269	28.171	ug/L		98
72) 1,2,3-Trichlorobenzene	15.548	180	111222	24.711	ug/L		98

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

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