Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110322\
Data File : VW025018.D
Acq On : 03 Nov 2022 17:09
Operator : SY/VA
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025486

Quant Time: Nov 04 04:16:45 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM102622SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Nov 04 04:15:36 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	296860	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	269741	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	142324	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	63721	19.124	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 76.480%			
7) Chloroethane-d5	2.891	69	39506	20.240	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 80.960%			
11) 1,1-Dichloroethene-d2	4.031	63	175566	21.152	ug/L	0.01
Spiked Amount 25.000	Range 45 - 110		Recovery = 84.600%			
21) 2-Butanone-d5	7.080	46	44831	39.865	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 79.740%			
24) Chloroform-d	7.653	84	210044	23.314	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 93.240%			
26) 1,2-Dichloroethane-d4	8.305	65	113571	22.520	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 90.080%			
32) Benzene-d6	8.275	84	386197	22.337	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 89.360%			
36) 1,2-Dichloropropane-d6	9.274	67	110129	21.739	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 86.960%			
41) Toluene-d8	10.323	98	358310	22.260	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 89.040%			
43) trans-1,3-Dichloroprop...	10.579	79	48758	21.706	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 86.840%			
47) 2-Hexanone-d5	10.926	63	38561	44.065	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 88.140%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	87115	21.537	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 86.160%			
66) 1,2-Dichlorobenzene-d4	13.853	152	121486	22.212	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 88.840%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.013	85	23379	23.612	ug/L	89
3) Chloromethane	2.221	50	44414	18.649	ug/L	95
5) Vinyl chloride	2.367	62	68060	20.683	ug/L	95
6) Bromomethane	2.788	94	33748	20.551	ug/L	97
8) Chloroethane	2.928	64	28313	20.627	ug/L	94
9) Trichlorofluoromethane	3.263	101	62272	22.559	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	88209	22.566	ug/L #	77
12) 1,1-Dichloroethene	4.044	96	81388	22.102	ug/L	97
13) Acetone	4.123	43	30165	37.758	ug/L	98
14) Carbon disulfide	4.391	76	229435	21.329	ug/L	99
15) Methyl Acetate	4.672	43	31329	19.697	ug/L	97
16) Methylene chloride	4.928	84	102267	19.402	ug/L	98
17) trans-1,2-Dichloroethene	5.434	96	89057	22.585	ug/L	92
18) Methyl tert-butyl Ether	5.434	73	146121	22.091	ug/L	99
19) 1,1-Dichloroethane	6.220	63	163271	22.365	ug/L	99
20) cis-1,2-Dichloroethene	7.177	96	98297	22.872	ug/L	96
22) 2-Butanone	7.171	43	43056	35.972	ug/L	97
23) Bromochloromethane	7.519	128	41628	22.343	ug/L	91
25) Chloroform	7.677	83	182249	23.654	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	117602	22.503	ug/L	100
29) Cyclohexane	7.957	56	138274	21.710	ug/L	95
30) 1,1,1-Trichloroethane	7.872	97	159978	24.235	ug/L	98
31) Carbon tetrachloride	8.067	117	145764	24.712	ug/L	99
33) Benzene	8.323	78	367599	22.630	ug/L	100
34) Trichloroethene	9.091	95	99938	23.241	ug/L	99
35) Methylcyclohexane	9.335	83	162360	22.221	ug/L	99
37) 1,2-Dichloropropane	9.372	63	88399	22.422	ug/L	99
38) Bromodichloromethane	9.646	83	130285	23.678	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	146075	23.437	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	94249	40.738	ug/L	99
42) Toluene	10.390	91	401962	23.309	ug/L	94
44) trans-1,3-Dichloropropene	10.603	75	127377	22.988	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	65933	22.149	ug/L	99
46) Tetrachloroethene	10.859	164	71721	23.322	ug/L	96
48) 2-Hexanone	10.969	43	62899	39.311	ug/L	97
49) Dibromochloromethane	11.128	129	85678	23.612	ug/L	98
50) 1,2-Dibromoethane	11.237	107	60611	21.529	ug/L	93
51) Chlorobenzene	11.658	112	259176	23.186	ug/L	97
52) Ethylbenzene	11.731	91	461519	23.185	ug/L	97
53) m,p-Xylene	11.841	106	177123	22.987	ug/L	93
54) o-Xylene	12.164	106	168840	23.226	ug/L	98
55) Styrene	12.176	104	297124	23.533	ug/L	90
57) 1,1,2,2-Tetrachloroethane	12.713	83	77824	21.793	ug/L	92
59) Bromoform	12.347	173	45034	22.371	ug/L	97
60) Isopropylbenzene	12.463	105	480368	22.449	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	59383	20.768	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	417539	22.479	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	415870	22.832	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	198305	22.221	ug/L	93
65) 1,4-Dichlorobenzene	13.572	146	198616	22.304	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	176317	21.973	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	13849	20.959	ug/L	99
69) 1,3,5-Trichlorobenzene	14.627	180	132238	22.371	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	109738	23.886	ug/L	99
71) Naphthalene	15.359	128	205220	21.175	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	87540	21.868	ug/L	95

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

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