Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101222\
Data File : VW024868.D
Acq On : 12 Oct 2022 12:53
Operator : SY/VA
Sample : VSTDICV025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VICV460

Quant Time: Oct 12 23:14:13 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101222SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Oct 12 23:05:10 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	484873	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.627	117	453295	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	217805	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	127085	22.216	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 88.880%			
7) Chloroethane-d5	2.891	69	77386	23.106	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 92.440%			
11) 1,1-Dichloroethene-d2	4.025	63	291352	23.425	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 93.720%			
21) 2-Butanone-d5	7.079	46	88105	48.610	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 97.220%			
24) Chloroform-d	7.652	84	313935	22.955	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 91.840%			
26) 1,2-Dichloroethane-d4	8.311	65	164667	23.006	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 92.040%			
32) Benzene-d6	8.274	84	647073	22.764	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 91.040%			
36) 1,2-Dichloropropane-d6	9.274	67	198044	22.716	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 90.880%			
41) Toluene-d8	10.323	98	582227	22.821	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 91.280%			
43) trans-1,3-Dichloroprop...	10.579	79	78053	23.606	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 94.440%			
47) 2-Hexanone-d5	10.926	63	69995	47.886	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 95.780%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	152574	22.440	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 89.760%			
66) 1,2-Dichlorobenzene-d4	13.853	152	182809	22.967	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 91.880%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.013	85	46703	21.529	ug/L	93
3) Chloromethane	2.214	50	124250	24.592	ug/L	97
5) Vinyl chloride	2.367	62	177665	25.774	ug/L	98
6) Bromomethane	2.781	94	86400	25.807	ug/L	93
8) Chloroethane	2.928	64	72949	25.399	ug/L	97
9) Trichlorofluoromethane	3.263	101	98372	28.851	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	163263	23.517	ug/L	98
12) 1,1-Dichloroethene	4.043	96	161152	24.532	ug/L	93
13) Acetone	4.129	43	59666	47.043	ug/L	96
14) Carbon disulfide	4.391	76	554705	25.852	ug/L	100
15) Methyl Acetate	4.671	43	77797	25.204	ug/L	99
16) Methylene chloride	4.921	84	192208	22.451	ug/L	100
17) trans-1,2-Dichloroethene	5.427	96	179737	25.136	ug/L	99
18) Methyl tert-butyl Ether	5.427	73	289096	27.207	ug/L	99
19) 1,1-Dichloroethane	6.220	63	330428	24.978	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	197109	25.506	ug/L	97
22) 2-Butanone	7.177	43	100342	47.424	ug/L	100
23) Bromochloromethane	7.518	128	82019	25.947	ug/L	95
25) Chloroform	7.677	83	322547	24.840	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.402	62	214126	25.501	ug/L		100
29) Cyclohexane	7.957	56	320754	24.365	ug/L		100
30) 1,1,1-Trichloroethane	7.872	97	256563	24.611	ug/L		99
31) Carbon tetrachloride	8.073	117	222046	24.259	ug/L		99
33) Benzene	8.323	78	755740	24.506	ug/L		100
34) Trichloroethene	9.091	95	187777	24.178	ug/L		99
35) Methylcyclohexane	9.335	83	340703	24.376	ug/L		99
37) 1,2-Dichloropropane	9.372	63	188675	24.550	ug/L		100
38) Bromodichloromethane	9.646	83	235806	24.832	ug/L		99
39) cis-1,3-Dichloropropene	10.073	75	283723	25.540	ug/L		98
40) 4-Methyl-2-pentanone	10.207	43	225005	49.534	ug/L		99
42) Toluene	10.390	91	785622	24.847	ug/L		99
44) trans-1,3-Dichloropropene	10.603	75	239612	25.980	ug/L		98
45) 1,1,2-Trichloroethane	10.786	97	132682	24.716	ug/L		97
46) Tetrachloroethene	10.865	164	126007	23.862	ug/L		93
48) 2-Hexanone	10.969	43	153454	49.825	ug/L		98
49) Dibromochloromethane	11.127	129	150054	25.250	ug/L		98
50) 1,2-Dibromoethane	11.237	107	124775	24.673	ug/L	#	95
51) Chlorobenzene	11.658	112	484219	24.366	ug/L		96
52) Ethylbenzene	11.731	91	863538	24.390	ug/L		93
53) m,p-Xylene	11.835	106	328335	24.408	ug/L		95
54) o-Xylene	12.164	106	317542	24.792	ug/L		88
55) Styrene	12.176	104	552508	25.151	ug/L		95
57) 1,1,2,2-Tetrachloroethane	12.713	83	160689	24.534	ug/L		99
59) Bromoform	12.347	173	71811	24.640	ug/L	#	97
60) Isopropylbenzene	12.463	105	852776	24.272	ug/L		100
61) 1,2,3-Trichloropropane	12.767	75	115944	24.210	ug/L		100
62) 1,3,5-Trimethylbenzene	12.938	105	744611	24.685	ug/L		99
63) 1,2,4-Trimethylbenzene	13.249	105	738231	25.383	ug/L		99
64) 1,3-Dichlorobenzene	13.493	146	357940	25.016	ug/L		94
65) 1,4-Dichlorobenzene	13.578	146	358288	24.738	ug/L		95
67) 1,2-Dichlorobenzene	13.865	146	318800	25.067	ug/L		97
68) 1,2-Dibromo-3-chloropr...	14.480	75	25546	24.541	ug/L		93
69) 1,3,5-Trichlorobenzene	14.627	180	236150	25.278	ug/L		99
70) 1,2,4-trichlorobenzene	15.127	180	192897	25.449	ug/L		99
71) Naphthalene	15.358	128	426309	25.958	ug/L		99
72) 1,2,3-Trichlorobenzene	15.547	180	164217	25.383	ug/L		98

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

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