Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060822\
Data File : VW023435.D
Acq On : 08 Jun 2022 18:04
Operator : SY/VA
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025567

Quant Time: Jun 09 00:43:22 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060622SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Jun 09 00:39:51 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	316036	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.627	117	314844	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	167476	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	129337	26.439	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 105.760%			
7) Chloroethane-d5	2.885	69	100359	29.122	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 116.480%			
11) 1,1-Dichloroethene-d2	4.025	63	160700	21.875	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 87.480%			
21) 2-Butanone-d5	7.080	46	56306	59.680	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 119.360%			
24) Chloroform-d	7.646	84	214477	25.168	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 100.680%			
26) 1,2-Dichloroethane-d4	8.305	65	122977	27.471	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 109.880%			
32) Benzene-d6	8.274	84	412475	23.601	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 94.400%			
36) 1,2-Dichloropropane-d6	9.274	67	122523	25.012	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 100.040%			
41) Toluene-d8	10.323	98	392182	23.561	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 94.240%			
43) trans-1,3-Dichloroprop...	10.579	79	52676	24.103	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 96.400%			
47) 2-Hexanone-d5	10.920	63	43887	59.853	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 119.700%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	125474	29.936	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 119.760%			
66) 1,2-Dichlorobenzene-d4	13.847	152	146877	24.230	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 96.920%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	47592	45.749	ug/L	93
3) Chloromethane	2.215	50	116612	31.792	ug/L	100
5) Vinyl chloride	2.361	62	180927	32.207	ug/L	99
6) Bromomethane	2.775	94	87078	28.201	ug/L	97
8) Chloroethane	2.916	64	92001	33.456	ug/L	94
9) Trichlorofluoromethane	3.257	101	56181	18.228	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	102573	25.329	ug/L	96
12) 1,1-Dichloroethene	4.043	96	87793	24.297	ug/L	90
13) Acetone	4.117	43	37440	52.909	ug/L	98
14) Carbon disulfide	4.379	76	277225	23.938	ug/L	98
15) Methyl Acetate	4.665	43	48529	31.225	ug/L	93
16) Methylene chloride	4.915	84	111902	24.581	ug/L	96
17) trans-1,2-Dichloroethene	5.421	96	108543	25.209	ug/L	97
18) Methyl tert-butyl Ether	5.427	73	180853	28.985	ug/L	98
19) 1,1-Dichloroethane	6.214	63	200589	27.857	ug/L	95
20) cis-1,2-Dichloroethene	7.165	96	121931	27.074	ug/L #	98
22) 2-Butanone	7.171	43	65343	63.453	ug/L	98
23) Bromochloromethane	7.512	128	58361	27.627	ug/L	94
25) Chloroform	7.677	83	225144	28.234	ug/L	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	157465	31.364	ug/L	97
29) Cyclohexane	7.957	56	167339	24.875	ug/L	96
30) 1,1,1-Trichloroethane	7.872	97	185540	24.771	ug/L	98
31) Carbon tetrachloride	8.067	117	165058	23.886	ug/L	100
33) Benzene	8.323	78	490261	26.534	ug/L	100
34) Trichloroethene	9.091	95	124745	24.680	ug/L	99
35) Methylcyclohexane	9.335	83	204271	24.622	ug/L	97
37) 1,2-Dichloropropane	9.366	63	120682	27.872	ug/L	99
38) Bromodichloromethane	9.646	83	171635	28.254	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	183551	27.060	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	155482	66.045	ug/L	99
42) Toluene	10.384	91	558798	26.821	ug/L	96
44) trans-1,3-Dichloropropene	10.603	75	169180	28.577	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	101514	29.203	ug/L	97
46) Tetrachloroethene	10.859	164	94862	23.724	ug/L	92
48) 2-Hexanone	10.963	43	109744	72.086	ug/L	96
49) Dibromochloromethane	11.128	129	118458	28.175	ug/L	98
50) 1,2-Dibromoethane	11.237	107	97437	28.614	ug/L	99
51) Chlorobenzene	11.658	112	363028	26.624	ug/L	96
52) Ethylbenzene	11.731	91	625095	27.231	ug/L	100
53) m,p-Xylene	11.841	106	245470	27.628	ug/L	97
54) o-Xylene	12.164	106	246176	28.923	ug/L	99
55) Styrene	12.176	104	432552	29.533	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	133252	31.966	ug/L	97
59) Bromoform	12.347	173	67987	29.294	ug/L	100
60) Isopropylbenzene	12.463	105	660789	27.571	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	95666	31.582	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	556706	28.065	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	560570	28.553	ug/L	97
64) 1,3-Dichlorobenzene	13.493	146	278740	25.632	ug/L	96
65) 1,4-Dichlorobenzene	13.578	146	289602	26.038	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	272103	27.582	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	20701	32.181	ug/L	94
69) 1,3,5-Trichlorobenzene	14.627	180	178848	24.872	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	144546	25.952	ug/L	99
71) Naphthalene	15.359	128	321267	31.079	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	130077	26.858	ug/L	94

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

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