Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050922\
Data File : VW022940.D
Acq On : 09 May 2022 19:17
Operator : SY/VA
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025523

Quant Time: May 09 23:01:15 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0
QLast Update : Mon May 09 22:55:00 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	312883	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	315442	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	175897	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	120383	18.753	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 75.000%			
7) Chloroethane-d5	2.885	69	94485	22.624	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 90.480%			
11) 1,1-Dichloroethene-d2	4.019	63	160738	19.379	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 77.520%			
21) 2-Butanone-d5	7.074	46	64008	52.444	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 104.880%			
24) Chloroform-d	7.653	84	227869	24.858	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 99.440%			
26) 1,2-Dichloroethane-d4	8.305	65	124379	24.739	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.960%			
32) Benzene-d6	8.275	84	420163	23.109	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 92.440%			
36) 1,2-Dichloropropane-d6	9.274	67	126148	24.699	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 98.800%			
41) Toluene-d8	10.323	98	409279	23.302	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 93.200%			
43) trans-1,3-Dichloroprop...	10.579	79	53669	22.822	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 91.280%			
47) 2-Hexanone-d5	10.920	63	53043	54.404	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 108.800%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	127079	26.695	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 106.800%			
66) 1,2-Dichlorobenzene-d4	13.853	152	148900	24.216	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 96.880%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.001	85	29143	17.086	ug/L	99
3) Chloromethane	2.215	50	74207	22.515	ug/L	99
5) Vinyl chloride	2.361	62	133695	20.212	ug/L	100
6) Bromomethane	2.776	94	83260	19.605	ug/L	90
8) Chloroethane	2.916	64	71430	22.389	ug/L	100
9) Trichlorofluoromethane	3.257	101	59025	19.524	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	93215	20.620	ug/L	96
12) 1,1-Dichloroethene	4.038	96	81219	20.267	ug/L	91
13) Acetone	4.123	43	33667	36.844	ug/L	100
14) Carbon disulfide	4.385	76	191495	17.430	ug/L	99
15) Methyl Acetate	4.678	43	42215	22.996	ug/L	98
16) Methylene chloride	4.922	84	100618	21.977	ug/L	98
17) trans-1,2-Dichloroethene	5.421	96	93791	20.798	ug/L	97
18) Methyl tert-butyl Ether	5.421	73	166948	24.251	ug/L	99
19) 1,1-Dichloroethane	6.220	63	179012	23.421	ug/L	92
20) cis-1,2-Dichloroethene	7.171	96	111909	23.104	ug/L #	99
22) 2-Butanone	7.165	43	56264	44.028	ug/L	99
23) Bromochloromethane	7.513	128	51067	22.512	ug/L	95
25) Chloroform	7.677	83	202570	23.969	ug/L	97

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Quant Title : SFAM01.0
QLast Update : Mon May 09 22:55:00 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	135585	24.067	ug/L	99
29) Cyclohexane	7.958	56	136632	20.028	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	165566	22.210	ug/L	98
31) Carbon tetrachloride	8.067	117	149857	21.491	ug/L	98
33) Benzene	8.323	78	414703	22.316	ug/L	100
34) Trichloroethene	9.091	95	110343	21.591	ug/L	99
35) Methylcyclohexane	9.335	83	168017	20.013	ug/L	98
37) 1,2-Dichloropropane	9.366	63	103915	23.108	ug/L	98
38) Bromodichloromethane	9.646	83	150799	23.609	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	162266	23.271	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	130102	45.900	ug/L	99
42) Toluene	10.384	91	472964	22.711	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	143363	23.035	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	91350	24.300	ug/L	97
46) Tetrachloroethene	10.859	164	81890	21.322	ug/L	89
48) 2-Hexanone	10.963	43	88945	46.965	ug/L	97
49) Dibromochloromethane	11.128	129	105698	23.361	ug/L	97
50) 1,2-Dibromoethane	11.231	107	85577	22.670	ug/L	97
51) Chlorobenzene	11.658	112	315854	23.005	ug/L	98
52) Ethylbenzene	11.731	91	537404	23.195	ug/L	100
53) m,p-Xylene	11.841	106	211533	23.171	ug/L	100
54) o-Xylene	12.164	106	208405	23.789	ug/L	99
55) Styrene	12.176	104	364497	24.486	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	111960	23.844	ug/L	95
59) Bromoform	12.347	173	57281	22.979	ug/L	100
60) Isopropylbenzene	12.463	105	561745	23.312	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	81242	23.116	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	309342	23.075	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	473786	23.537	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	249472	23.188	ug/L	92
65) 1,4-Dichlorobenzene	13.579	146	253694	22.829	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	228496	23.209	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	17180	22.367	ug/L	87
69) 1,3,5-Trichlorobenzene	14.627	180	156927	21.974	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	131544	22.898	ug/L	97
71) Naphthalene	15.359	128	290882	23.297	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	116625	22.906	ug/L	98

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

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