Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110624\
Data File : VV037926.D
Acq On : 06 Nov 2024 13:02
Operator : SY/MD
Sample : VSTDICV005
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VICV208

Quant Time: Nov 06 22:38:29 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110624WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 06 21:46:56 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	306487	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	307451	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	170897	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	122430	5.219	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 104.400%			
7) Chloroethane-d5	1.532	69	97882	5.119	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 102.400%			
11) 1,1-Dichloroethene-d2	2.056	65	54365	5.340	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 106.800%			
20) 2-Butanone-d5	3.799	46	230766	52.778	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 105.560%			
24) Chloroform-d	4.243	84	227662	5.324	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 106.400%			
26) 1,2-Dichloroethane-d4	4.937	65	101588	5.316	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 106.400%			
32) Benzene-d6	4.953	84	437955	5.523	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 110.400%			
36) 1,2-Dichloropropane-d6	5.982	67	128185	5.536	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 110.800%			
41) Toluene-d8	7.236	98	413847	5.808	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 116.200%			
43) trans-1,3-Dichloroprop...	7.551	79	48163	5.379	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 107.600%			
46) 2-Hexanone-d5	8.021	63	207377	59.604	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 119.200%			
56) 1,1,2,2-Tetrachloroeth...	10.146	84	100684	5.393	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 107.800%			
66) 1,2-Dichlorobenzene-d4	11.554	152	151486	5.374	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 107.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	154226	5.041	ug/L	100
3) Chloromethane	1.217	50	141466	4.914	ug/L	99
5) Vinyl chloride	1.281	62	143835	5.021	ug/L	98
6) Bromomethane	1.487	94	86612	5.344	ug/L	97
8) Chloroethane	1.548	64	85575	5.021	ug/L	99
9) Trichlorofluoromethane	1.712	101	200048	5.026	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	114459	5.025	ug/L	98
12) 1,1-Dichloroethene	2.066	96	106628	5.093	ug/L	98
13) Acetone	2.130	43	152523	49.142	ug/L	97
14) Carbon disulfide	2.236	76	359188	5.057	ug/L	100
15) Methyl Acetate	2.384	43	36597	4.982	ug/L	99
16) Methylene chloride	2.442	84	118798	4.861	ug/L	98
17) Methyl tert-butyl Ether	2.699	73	243841	5.208	ug/L	99
18) trans-1,2-Dichloroethene	2.690	96	116541	5.154	ug/L	99
19) 1,1-Dichloroethane	3.108	63	208351	5.072	ug/L	98
21) 2-Butanone	3.879	43	226782	49.165	ug/L	99
22) cis-1,2-Dichloroethene	3.809	96	123867	5.199	ug/L	98
23) Bromochloromethane	4.143	128	55764	5.183	ug/L	97
25) Chloroform	4.269	83	216638	5.020	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	123166	5.151	ug/L	100
29) 1,1,1-Trichloroethane	4.503	97	190992	5.196	ug/L	97
30) Cyclohexane	4.574	56	172313	5.284	ug/L	98
31) Carbon tetrachloride	4.725	117	166694	5.168	ug/L	98
33) Benzene	5.002	78	452642	5.358	ug/L	100
34) Trichloroethene	5.828	95	120926	5.169	ug/L	98
35) Methylcyclohexane	6.040	83	176304	5.056	ug/L	98
37) 1,2-Dichloropropane	6.085	63	109158	5.169	ug/L	99
38) Bromodichloromethane	6.426	83	147309	5.258	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	147608	4.838	ug/L	97
40) 4-Methyl-2-pentanone	7.153	43	580935	54.670	ug/L	98
42) Toluene	7.310	91	487750	5.456	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	134884	5.362	ug/L	97
45) 1,1,2-Trichloroethane	7.764	97	85126	5.326	ug/L	97
47) Tetrachloroethene	7.899	164	94169	5.178	ug/L	97
48) 2-Hexanone	8.072	43	414376	55.128	ug/L	99
49) Dibromochloromethane	8.169	129	92683	5.073	ug/L	97
50) 1,2-Dibromoethane	8.278	107	81006	5.431	ug/L	98
51) Chlorobenzene	8.809	112	320472	5.242	ug/L	98
52) Ethylbenzene	8.940	91	521629	5.417	ug/L	99
53) m,p-Xylene	9.066	106	202273	5.507	ug/L	98
54) o-Xylene	9.471	106	194859	5.574	ug/L	95
55) Styrene	9.490	104	340828	5.661	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.172	83	97849	5.273	ug/L	98
59) Bromoform	9.661	173	48928	4.913	ug/L	97
60) Isopropylbenzene	9.860	105	518146	5.203	ug/L	100
61) 1,2,3-Trichloropropane	10.204	75	67859	5.078	ug/L	100
62) 1,3,5-Trimethylbenzene	10.471	105	402891	5.145	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	397303	5.143	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	261197	5.180	ug/L	98
65) 1,4-Dichlorobenzene	11.204	146	262045	5.033	ug/L	99
67) 1,2-Dichlorobenzene	11.570	146	237117	5.086	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	14040	4.839	ug/L	86
69) 1,3,5-Trichlorobenzene	12.577	180	174820	4.912	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	141957	5.080	ug/L	100
71) Naphthalene	13.435	128	205629	5.185	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	125436	5.207	ug/L	94

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

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