Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111124\
Data File : VV037993.D
Acq On : 11 Nov 2024 11:09
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD005299

Quant Time: Nov 12 04:31:12 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110624WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Nov 09 02:20:30 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	290134	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	299940	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	165088	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	83369	3.754	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 75.000%			
7) Chloroethane-d5	1.529	69	74622	4.123	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 82.400%			
11) 1,1-Dichloroethene-d2	2.053	65	36216	3.758	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 75.200%			
20) 2-Butanone-d5	3.821	46	220868	53.361	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 106.720%			
24) Chloroform-d	4.239	84	186860	4.616	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.400%			
26) 1,2-Dichloroethane-d4	4.937	65	89702	4.958	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.200%			
32) Benzene-d6	4.953	84	327912	4.239	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.800%			
36) 1,2-Dichloropropane-d6	5.982	67	102910	4.556	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.200%			
41) Toluene-d8	7.236	98	303372	4.364	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.200%			
43) trans-1,3-Dichloroprop...	7.551	79	35813	4.100	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 82.000%			
46) 2-Hexanone-d5	8.024	63	208899	61.545	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 123.100%			
56) 1,1,2,2-Tetrachloroeth...	10.146	84	98002	5.381	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 107.600%			
66) 1,2-Dichlorobenzene-d4	11.554	152	119579	4.392	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 87.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.105	85	145903	5.038	ug/L	99
3) Chloromethane	1.214	50	130660	4.795	ug/L	99
5) Vinyl chloride	1.281	62	139066	5.128	ug/L	100
6) Bromomethane	1.484	94	74251	4.840	ug/L	100
8) Chloroethane	1.545	64	85610	5.306	ug/L	99
9) Trichlorofluoromethane	1.709	101	195978	5.201	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	111135	5.154	ug/L	99
12) 1,1-Dichloroethene	2.063	96	103869	5.241	ug/L	94
13) Acetone	2.156	43	164879	56.117	ug/L	96
14) Carbon disulfide	2.233	76	333060	4.954	ug/L	99
15) Methyl Acetate	2.391	43	40078	5.763	ug/L	93
16) Methylene chloride	2.439	84	119452	5.163	ug/L	98
17) Methyl tert-butyl Ether	2.703	73	247318	5.581	ug/L	99
18) trans-1,2-Dichloroethene	2.686	96	110617	5.167	ug/L	97
19) 1,1-Dichloroethane	3.104	63	204161	5.250	ug/L	98
21) 2-Butanone	3.899	43	241316	55.265	ug/L	96
22) cis-1,2-Dichloroethene	3.805	96	114831	5.091	ug/L	99
23) Bromochloromethane	4.140	128	58519	5.746	ug/L	98
25) Chloroform	4.268	83	217516	5.324	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	127308	5.624	ug/L	99
29) 1,1,1-Trichloroethane	4.503	97	188054	5.245	ug/L	99
30) Cyclohexane	4.574	56	155951	4.902	ug/L	99
31) Carbon tetrachloride	4.725	117	162015	5.149	ug/L	99
33) Benzene	5.001	78	448506	5.442	ug/L	100
34) Trichloroethene	5.828	95	117291	5.139	ug/L	98
35) Methylcyclohexane	6.040	83	167225	4.916	ug/L	98
37) 1,2-Dichloropropane	6.085	63	111782	5.426	ug/L	99
38) Bromodichloromethane	6.429	83	143708	5.258	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	142336	4.782	ug/L	97
40) 4-Methyl-2-pentanone	7.153	43	637711	61.515	ug/L	98
42) Toluene	7.307	91	486684	5.580	ug/L	100
44) trans-1,3-Dichloropropene	7.580	75	122198	4.979	ug/L	100
45) 1,1,2-Trichloroethane	7.763	97	89970	5.770	ug/L	98
47) Tetrachloroethene	7.898	164	94900	5.349	ug/L	99
48) 2-Hexanone	8.072	43	455242	62.081	ug/L	99
49) Dibromochloromethane	8.169	129	91386	5.127	ug/L	95
50) 1,2-Dibromoethane	8.278	107	85533	5.878	ug/L	97
51) Chlorobenzene	8.808	112	316918	5.313	ug/L	97
52) Ethylbenzene	8.940	91	499567	5.318	ug/L	99
53) m,p-Xylene	9.066	106	193699	5.405	ug/L	97
54) o-Xylene	9.471	106	185687	5.445	ug/L	96
55) Styrene	9.490	104	333812	5.683	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.172	83	112485	6.214	ug/L	100
59) Bromoform	9.660	173	46923	4.878	ug/L	100
60) Isopropylbenzene	9.860	105	495965	5.155	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	73715	5.710	ug/L	99
62) 1,3,5-Trimethylbenzene	10.467	105	378952	5.010	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	377937	5.065	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	256880	5.274	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	267914	5.326	ug/L	100
67) 1,2-Dichlorobenzene	11.570	146	240250	5.334	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	15230	5.434	ug/L	96
69) 1,3,5-Trichlorobenzene	12.574	180	169522	4.931	ug/L	100
70) 1,2,4-trichlorobenzene	13.191	180	138442	5.129	ug/L	98
71) Naphthalene	13.435	128	186246	4.862	ug/L	98
72) 1,2,3-Trichlorobenzene	13.673	180	129405	5.560	ug/L	95

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

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