Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071323\
Data File : VV031694.D
Acq On : 13 Jul 2023 13:56
Operator : SY/MD
Sample : VSTD00562
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD005262

Quant Time: Jul 14 05:41:20 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071323WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jul 14 05:39:57 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	186748	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	204186	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	111120	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	87365	5.282	ug/L	0.00
7) Chloroethane-d5	1.532	69	79591	5.309	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.060	65	44072	5.193	ug/L	0.00
20) 2-Butanone-d5	3.818	46	223825	52.975	ug/L	0.00
24) Chloroform-d	4.259	84	183928	5.221	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.950	65	92805	5.157	ug/L	0.00
32) Benzene-d6	4.966	84	303956	5.214	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.995	67	112439	5.205	ug/L	0.00
41) Toluene-d8	7.249	98	306300	5.721	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.561	79	37573	5.506	ug/L	0.00
46) 2-Hexanone-d5	8.034	63	173997	54.905	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.159	84	80729	5.093	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.567	152	97809	5.054	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.105	85	103479	5.102	ug/L	100
3) Chloromethane	1.217	50	110022	5.236	ug/L	100
5) Vinyl chloride	1.281	62	104694	5.214	ug/L	100
6) Bromomethane	1.487	94	59868	4.877	ug/L	100
8) Chloroethane	1.548	64	60011	5.151	ug/L	100
9) Trichlorofluoromethane	1.712	101	154850	5.345	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	86174	5.408	ug/L	100
12) 1,1-Dichloroethene	2.069	96	75037	5.150	ug/L	100
13) Acetone	2.150	43	126625	47.778	ug/L	100
14) Carbon disulfide	2.240	76	229255	5.068	ug/L	100
15) Methyl Acetate	2.391	43	31101	5.408	ug/L	100
16) Methylene chloride	2.449	84	88042	4.547	ug/L	100
17) Methyl tert-butyl Ether	2.712	73	133260	4.977	ug/L	100
18) trans-1,2-Dichloroethene	2.696	96	63215	5.018	ug/L	100
19) 1,1-Dichloroethane	3.117	63	143118	5.195	ug/L	100
21) 2-Butanone	3.905	43	174769	49.950	ug/L	100
22) cis-1,2-Dichloroethene	3.822	96	63027	5.061	ug/L	100
23) Bromochloromethane	4.156	128	33617	5.360	ug/L	100
25) Chloroform	4.281	83	145605	5.374	ug/L	100
27) 1,2-Dichloroethane	5.053	62	87598	5.141	ug/L	100
29) 1,1,1-Trichloroethane	4.519	97	123180	4.995	ug/L	100
30) Cyclohexane	4.590	56	89488	4.990	ug/L	100
31) Carbon tetrachloride	4.741	117	107489	4.940	ug/L	100
33) Benzene	5.018	78	265949	5.128	ug/L	100
34) Trichloroethene	5.838	95	74205	5.043	ug/L	100
35) Methylcyclohexane	6.056	83	91335	4.963	ug/L	100
37) 1,2-Dichloropropane	6.101	63	77670	5.217	ug/L	100
38) Bromodichloromethane	6.439	83	101771	5.148	ug/L	100
39) cis-1,3-Dichloropropene	6.963	75	94564	5.276	ug/L	100
40) 4-Methyl-2-pentanone	7.169	43	433727	54.503	ug/L	100
42) Toluene	7.323	91	291072	5.874	ug/L	100
44) trans-1,3-Dichloropropene	7.590	75	83311	5.153	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.776	97	57019	5.155	ug/L	100
47) Tetrachloroethene	7.911	164	53364	5.253	ug/L	100
48) 2-Hexanone	8.085	43	350808	58.723	ug/L	100
49) Dibromochloromethane	8.185	129	63472	5.342	ug/L	100
50) 1,2-Dibromoethane	8.291	107	53577	5.180	ug/L	100
51) Chlorobenzene	8.821	112	171639	5.195	ug/L	100
52) Ethylbenzene	8.953	91	254949	5.134	ug/L	100
53) m,p-Xylene	9.079	106	99162	5.402	ug/L	100
54) o-Xylene	9.484	106	87706	5.151	ug/L	100
55) Styrene	9.503	104	171498	5.338	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.185	83	58049	4.959	ug/L	100
59) Bromoform	9.673	173	36384	4.905	ug/L	100
60) Isopropylbenzene	9.873	105	243667	4.950	ug/L	100
61) 1,2,3-Trichloropropane	10.217	75	49998	5.062	ug/L	100
62) 1,3,5-Trimethylbenzene	10.484	105	189172	4.763	ug/L	100
63) 1,2,4-Trimethylbenzene	10.860	105	191262	4.825	ug/L	100
64) 1,3-Dichlorobenzene	11.124	146	135386	5.104	ug/L	100
65) 1,4-Dichlorobenzene	11.214	146	142070	5.060	ug/L	100
67) 1,2-Dichlorobenzene	11.587	146	131923	5.189	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.371	75	10947	5.394	ug/L	100
69) 1,3,5-Trichlorobenzene	12.590	180	91436	4.713	ug/L	100
70) 1,2,4-trichlorobenzene	13.204	180	74414	4.841	ug/L	100
71) Naphthalene	13.445	128	116771	4.708	ug/L	100
72) 1,2,3-Trichlorobenzene	13.686	180	70334	4.954	ug/L	100

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

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