Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV012025\
Data File : VV038472.D
Acq On : 20 Jan 2025 18:26
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD005329

Quant Time: Jan 21 00:55:46 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011725WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Jan 21 00:50:24 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	220773	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	228124	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	123649	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	77872	4.277	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 85.600%			
7) Chloroethane-d5	1.529	69	70118	4.586	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 91.800%			
11) 1,1-Dichloroethene-d2	2.053	65	34583	4.215	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 84.400%			
20) 2-Butanone-d5	3.789	46	194902	50.899	ug/L	-0.05
Spiked Amount 50.000	Range 40 - 130		Recovery = 101.800%			
24) Chloroform-d	4.240	84	163219	4.783	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.600%			
26) 1,2-Dichloroethane-d4	4.934	65	77223	4.939	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.800%			
32) Benzene-d6	4.950	84	300997	4.791	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.800%			
36) 1,2-Dichloropropane-d6	5.982	67	90428	4.735	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.600%			
41) Toluene-d8	7.233	98	278241	4.930	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.600%			
43) trans-1,3-Dichloroprop...	7.551	79	34654	4.961	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 99.200%			
46) 2-Hexanone-d5	8.018	63	148910	54.029	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 108.060%			
56) 1,1,2,2-Tetrachloroeth...	10.143	84	82010	5.417	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 108.400%			
66) 1,2-Dichlorobenzene-d4	11.551	152	93277	4.457	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 89.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.105	85	117783	4.763	ug/L	99
3) Chloromethane	1.214	50	121571	4.805	ug/L	99
5) Vinyl chloride	1.281	62	124529	4.871	ug/L	99
6) Bromomethane	1.484	94	59209	4.630	ug/L	94
8) Chloroethane	1.545	64	73775	4.817	ug/L	97
9) Trichlorofluoromethane	1.709	101	157789	4.850	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	90350	4.858	ug/L	99
12) 1,1-Dichloroethene	2.066	96	87415	4.775	ug/L	93
13) Acetone	2.121	43	146851	49.288	ug/L	98
14) Carbon disulfide	2.236	76	299292	4.866	ug/L	100
15) Methyl Acetate	2.378	43	38451	5.051	ug/L	94
16) Methylene chloride	2.439	84	100562	4.956	ug/L	99
17) Methyl tert-butyl Ether	2.696	73	194029	5.037	ug/L	99
18) trans-1,2-Dichloroethene	2.690	96	90943	4.832	ug/L	96
19) 1,1-Dichloroethane	3.105	63	181384	5.064	ug/L	98
21) 2-Butanone	3.870	43	226516	53.596	ug/L	97
22) cis-1,2-Dichloroethene	3.805	96	96229	5.029	ug/L	98
23) Bromochloromethane	4.143	128	43549	5.002	ug/L	99
25) Chloroform	4.265	83	179980	5.082	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	106723	5.419	ug/L	97
29) 1,1,1-Trichloroethane	4.503	97	151784	5.005	ug/L	98
30) Cyclohexane	4.571	56	135430	4.903	ug/L	97
31) Carbon tetrachloride	4.725	117	133306	4.973	ug/L	100
33) Benzene	5.002	78	379754	5.242	ug/L	100
34) Trichloroethene	5.825	95	94837	5.038	ug/L	97
35) Methylcyclohexane	6.040	83	135117	4.709	ug/L	94
37) 1,2-Dichloropropane	6.085	63	100571	5.376	ug/L	97
38) Bromodichloromethane	6.426	83	123263	5.080	ug/L	98
39) cis-1,3-Dichloropropene	6.947	75	128494	4.983	ug/L	99
40) 4-Methyl-2-pentanone	7.146	43	567894	58.671	ug/L	99
42) Toluene	7.307	91	408045	5.405	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	111357	5.096	ug/L	100
45) 1,1,2-Trichloroethane	7.760	97	73102	5.433	ug/L	96
47) Tetrachloroethene	7.895	164	72043	4.944	ug/L	98
48) 2-Hexanone	8.066	43	422132	60.233	ug/L	98
49) Dibromochloromethane	8.169	129	80166	5.175	ug/L	97
50) 1,2-Dibromoethane	8.275	107	69243	5.530	ug/L	96
51) Chlorobenzene	8.805	112	256636	5.051	ug/L	98
52) Ethylbenzene	8.937	91	409232	5.039	ug/L	99
53) m,p-Xylene	9.066	106	154171	5.008	ug/L	96
54) o-Xylene	9.471	106	147178	5.017	ug/L	99
55) Styrene	9.487	104	270521	5.289	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.169	83	90175	5.503	ug/L	97
59) Bromoform	9.657	173	40673	4.717	ug/L	97
60) Isopropylbenzene	9.857	105	402189	4.834	ug/L	98
61) 1,2,3-Trichloropropane	10.201	75	62333	5.247	ug/L	98
62) 1,3,5-Trimethylbenzene	10.468	105	300823	4.617	ug/L	98
63) 1,2,4-Trimethylbenzene	10.844	105	307782	4.730	ug/L	100
64) 1,3-Dichlorobenzene	11.107	146	197045	4.774	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	204152	4.784	ug/L	99
67) 1,2-Dichlorobenzene	11.570	146	185948	4.811	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	12281	5.001	ug/L	89
69) 1,3,5-Trichlorobenzene	12.574	180	124235	4.376	ug/L	97
70) 1,2,4-trichlorobenzene	13.191	180	95913	4.546	ug/L	99
71) Naphthalene	13.432	128	126433	4.045	ug/L	98
72) 1,2,3-Trichlorobenzene	13.670	180	86534	4.743	ug/L	98

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

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