

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111924\
 Data File : VV038175.D
 Acq On : 19 Nov 2024 14:00
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV222

Quant Time: Nov 19 22:39:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 19 22:27:08 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	285754	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	293846	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	158797	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	101343	4.627	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.600%
7) Chloroethane-d5	1.529	69	84197	4.752	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.000%
11) 1,1-Dichloroethene-d2	2.053	65	44872	4.761	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.200%
20) 2-Butanone-d5	3.796	46	208724	47.637	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.280%
24) Chloroform-d	4.236	84	201138	4.732	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
26) 1,2-Dichloroethane-d4	4.934	65	90423	4.741	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
32) Benzene-d6	4.950	84	370674	4.881	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
36) 1,2-Dichloropropane-d6	5.979	67	109608	4.690	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.800%
41) Toluene-d8	7.233	98	348130	4.954	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
43) trans-1,3-Dichloroprop...	7.551	79	43753	5.036	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.800%
46) 2-Hexanone-d5	8.018	63	170655	50.528	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.060%
56) 1,1,2,2-Tetrachloroeth...	10.143	84	94462	4.761	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.200%
66) 1,2-Dichlorobenzene-d4	11.551	152	126003	4.657	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	125539	4.643	ug/L	99
3) Chloromethane	1.214	50	115615	4.966	ug/L	100
5) Vinyl chloride	1.278	62	126420	4.792	ug/L	98
6) Bromomethane	1.484	94	50676	4.927	ug/L	96
8) Chloroethane	1.545	64	82288	4.895	ug/L	99
9) Trichlorofluoromethane	1.709	101	170556	4.543	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	95687	4.466	ug/L	98
12) 1,1-Dichloroethene	2.063	96	92757	4.545	ug/L	89
13) Acetone	2.130	43	156067	48.161	ug/L	98
14) Carbon disulfide	2.233	76	306885	4.668	ug/L	99
15) Methyl Acetate	2.381	43	37822	4.806	ug/L	99
16) Methylene chloride	2.439	84	111314	4.783	ug/L	99
17) Methyl tert-butyl Ether	2.696	73	228123	4.944	ug/L	100
18) trans-1,2-Dichloroethene	2.687	96	105148	4.890	ug/L	97
19) 1,1-Dichloroethane	3.101	63	189819	4.864	ug/L	98
21) 2-Butanone	3.876	43	210716	45.306	ug/L	99
22) cis-1,2-Dichloroethene	3.802	96	108767	4.892	ug/L	96
23) Bromochloromethane	4.140	128	54168	4.990	ug/L	93
25) Chloroform	4.262	83	199583	4.780	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	113881	5.013	ug/L	99
29) 1,1,1-Trichloroethane	4.500	97	168957	4.794	ug/L	100
30) Cyclohexane	4.571	56	130010	4.448	ug/L	99
31) Carbon tetrachloride	4.722	117	145618	4.684	ug/L	98
33) Benzene	4.998	78	410203	4.970	ug/L	100
34) Trichloroethene	5.825	95	107092	4.760	ug/L	98
35) Methylcyclohexane	6.040	83	138937	4.365	ug/L	99
37) 1,2-Dichloropropane	6.082	63	102054	4.936	ug/L	100
38) Bromodichloromethane	6.423	83	135988	4.893	ug/L	97
39) cis-1,3-Dichloropropene	6.947	75	142079	4.923	ug/L	99
40) 4-Methyl-2-pentanone	7.149	43	558797	51.641	ug/L	100
42) Toluene	7.307	91	433903	4.964	ug/L	98
44) trans-1,3-Dichloropropene	7.577	75	122585	5.028	ug/L	96
45) 1,1,2-Trichloroethane	7.760	97	82067	4.894	ug/L	96
47) Tetrachloroethene	7.895	164	83270	4.606	ug/L	98
48) 2-Hexanone	8.069	43	397417	50.647	ug/L	98
49) Dibromochloromethane	8.166	129	91289	4.994	ug/L	98
50) 1,2-Dibromoethane	8.275	107	78872	5.074	ug/L	96
51) Chlorobenzene	8.805	112	280423	4.656	ug/L	98
52) Ethylbenzene	8.937	91	443978	4.788	ug/L	99
53) m,p-Xylene	9.066	106	171086	4.889	ug/L	100
54) o-Xylene	9.471	106	162967	4.784	ug/L	92
55) Styrene	9.490	104	298965	4.978	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.169	83	95357	4.864	ug/L	99
59) Bromoform	9.657	173	46350	5.015	ug/L	100
60) Isopropylbenzene	9.860	105	431742	4.720	ug/L	100
61) 1,2,3-Trichloropropane	10.201	75	66830	4.916	ug/L	99
62) 1,3,5-Trimethylbenzene	10.468	105	331283	4.565	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	342472	4.732	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	228917	4.661	ug/L	100
65) 1,4-Dichlorobenzene	11.201	146	237981	4.793	ug/L	99
67) 1,2-Dichlorobenzene	11.571	146	214542	4.720	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.362	75	14463	4.739	ug/L	93
69) 1,3,5-Trichlorobenzene	12.574	180	157633	4.531	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	129238	4.494	ug/L	97
71) Naphthalene	13.435	128	183876	4.110	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	118823	4.472	ug/L	99

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

