

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111224\
 Data File : VV038020.D
 Acq On : 12 Nov 2024 14:28
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV214

Quant Time: Nov 13 00:30:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 13 00:23:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	287306	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	284370	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	154565	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	121441	4.856	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.200%
7) Chloroethane-d5	1.529	69	100037	4.908	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.200%
11) 1,1-Dichloroethene-d2	2.050	65	51093	4.662	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.200%
20) 2-Butanone-d5	3.806	46	250248	43.546	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.100%
24) Chloroform-d	4.240	84	236371	5.015	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
26) 1,2-Dichloroethane-d4	4.934	65	108967	4.867	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
32) Benzene-d6	4.950	84	459031	5.225	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.400%
36) 1,2-Dichloropropane-d6	5.979	67	132423	4.811	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.200%
41) Toluene-d8	7.233	98	428935	5.338	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.800%
43) trans-1,3-Dichloroprop...	7.548	79	54685	4.901	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.000%
46) 2-Hexanone-d5	8.018	63	228153	45.741	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.480%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	107521	4.722	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.400%
66) 1,2-Dichlorobenzene-d4	11.551	152	157102	4.888	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.800%
Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.102	85	154056	4.918	ug/L	99
3) Chloromethane	1.211	50	142985	4.920	ug/L	97
5) Vinyl chloride	1.278	62	144431	4.951	ug/L	100
6) Bromomethane	1.484	94	93500	5.034	ug/L	98
8) Chloroethane	1.545	64	87833	4.969	ug/L	100
9) Trichlorofluoromethane	1.706	101	200103	4.963	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	116212	4.993	ug/L	98
12) 1,1-Dichloroethene	2.063	96	107050	4.901	ug/L	96
13) Acetone	2.143	43	163313	39.867	ug/L	98
14) Carbon disulfide	2.233	76	364980	5.097	ug/L	99
15) Methyl Acetate	2.384	43	39081	4.369	ug/L	100
16) Methylene chloride	2.439	84	122237	4.726	ug/L	98
17) Methyl tert-butyl Ether	2.696	73	255351	4.799	ug/L	99
18) trans-1,2-Dichloroethene	2.687	96	119993	5.077	ug/L	99
19) 1,1-Dichloroethane	3.101	63	212760	5.011	ug/L	99
21) 2-Butanone	3.886	43	222661	40.250	ug/L	100
22) cis-1,2-Dichloroethene	3.802	96	127220	5.122	ug/L	98
23) Bromochloromethane	4.143	128	57580	5.048	ug/L	96
25) Chloroform	4.265	83	224106	4.999	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	123234	4.888	ug/L	99
29) 1,1,1-Trichloroethane	4.500	97	193034	5.028	ug/L	99
30) Cyclohexane	4.568	56	175969	5.177	ug/L	98
31) Carbon tetrachloride	4.722	117	170046	5.086	ug/L	100
33) Benzene	4.998	78	477566	5.280	ug/L	100
34) Trichloroethene	5.825	95	125574	5.079	ug/L	98
35) Methylcyclohexane	6.040	83	188119	5.039	ug/L	99
37) 1,2-Dichloropropane	6.085	63	114904	5.136	ug/L	100
38) Bromodichloromethane	6.426	83	150449	5.061	ug/L	99
39) cis-1,3-Dichloropropene	6.947	75	175195	5.252	ug/L	97
40) 4-Methyl-2-pentanone	7.150	43	586751	46.646	ug/L	99
42) Toluene	7.307	91	506271	5.358	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	143422	5.065	ug/L	98
45) 1,1,2-Trichloroethane	7.764	97	88583	4.936	ug/L	97
47) Tetrachloroethene	7.895	164	99770	5.143	ug/L	97
48) 2-Hexanone	8.069	43	413467	45.689	ug/L	99
49) Dibromochloromethane	8.169	129	98440	5.088	ug/L	99
50) 1,2-Dibromoethane	8.275	107	82690	4.853	ug/L	98
51) Chlorobenzene	8.805	112	331998	5.157	ug/L	99
52) Ethylbenzene	8.937	91	541943	5.280	ug/L	99
53) m,p-Xylene	9.066	106	207879	5.373	ug/L	99
54) o-Xylene	9.471	106	202065	5.396	ug/L	98
55) Styrene	9.487	104	353914	5.426	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.172	83	101277	4.728	ug/L	96
59) Bromoform	9.657	173	48370	4.760	ug/L	98
60) Isopropylbenzene	9.857	105	538094	5.219	ug/L	100
61) 1,2,3-Trichloropropane	10.201	75	67907	4.497	ug/L	100
62) 1,3,5-Trimethylbenzene	10.468	105	426891	5.169	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	436813	5.280	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	267917	5.037	ug/L	98
65) 1,4-Dichlorobenzene	11.201	146	274184	5.011	ug/L	99
67) 1,2-Dichlorobenzene	11.571	146	245977	4.946	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.358	75	14793	4.322	ug/L	91
69) 1,3,5-Trichlorobenzene	12.574	180	192468	4.920	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	170991	4.923	ug/L	99
71) Naphthalene	13.432	128	263915	4.174	ug/L	99
72) 1,2,3-Trichlorobenzene	13.670	180	151922	4.635	ug/L	99

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

