

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112224\
 Data File : VV038281.D
 Acq On : 22 Nov 2024 19:54
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005312

Quant Time: Nov 23 01:57:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 22 23:57:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	242763	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	257308	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	142407	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	80438	4.323	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.400%
7) Chloroethane-d5	1.529	69	76294	5.069	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.400%
11) 1,1-Dichloroethene-d2	2.053	65	35341	4.414	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.200%
20) 2-Butanone-d5	3.786	46	211456	56.807	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.620%
24) Chloroform-d	4.239	84	189082	5.236	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.800%
26) 1,2-Dichloroethane-d4	4.937	65	86096	5.313	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.200%
32) Benzene-d6	4.953	84	322897	4.855	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
36) 1,2-Dichloropropane-d6	5.982	67	102385	5.003	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.000%
41) Toluene-d8	7.236	98	310302	5.043	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.800%
43) trans-1,3-Dichloroprop...	7.551	79	40819	5.365	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	107.400%
46) 2-Hexanone-d5	8.017	63	166962	56.455	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.900%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	95807	5.515	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.400%
66) 1,2-Dichlorobenzene-d4	11.551	152	118519	4.885	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.600%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.105	85	115276	5.019	ug/L	98
3) Chloromethane	1.214	50	107605	5.441	ug/L	100
5) Vinyl chloride	1.281	62	117545	5.245	ug/L	95
6) Bromomethane	1.484	94	66598	7.621	ug/L	97
8) Chloroethane	1.545	64	77270	5.411	ug/L	98
9) Trichlorofluoromethane	1.709	101	156334	4.902	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	89061	4.893	ug/L	96
12) 1,1-Dichloroethene	2.063	96	84073	4.849	ug/L	94
13) Acetone	2.121	43	149728	54.387	ug/L	99
14) Carbon disulfide	2.233	76	260755	4.668	ug/L	99
15) Methyl Acetate	2.378	43	38290	5.727	ug/L	94
16) Methylene chloride	2.439	84	103072	5.213	ug/L	95
17) Methyl tert-butyl Ether	2.696	73	203610	5.194	ug/L	99
18) trans-1,2-Dichloroethene	2.690	96	91553	5.012	ug/L	96
19) 1,1-Dichloroethane	3.104	63	174358	5.259	ug/L	100
21) 2-Butanone	3.870	43	206498	52.262	ug/L	98
22) cis-1,2-Dichloroethene	3.805	96	102841	5.445	ug/L	98
23) Bromochloromethane	4.140	128	49442	5.362	ug/L	94
25) Chloroform	4.268	83	193351	5.451	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	110949	5.748	ug/L	98
29) 1,1,1-Trichloroethane	4.503	97	161769	5.242	ug/L	99
30) Cyclohexane	4.571	56	116950	4.569	ug/L	98
31) Carbon tetrachloride	4.725	117	140890	5.175	ug/L	100
33) Benzene	5.002	78	385446	5.333	ug/L	100
34) Trichloroethene	5.828	95	100080	5.080	ug/L	97
35) Methylcyclohexane	6.040	83	124093	4.452	ug/L	98
37) 1,2-Dichloropropane	6.085	63	96478	5.329	ug/L	98
38) Bromodichloromethane	6.426	83	133399	5.482	ug/L	98
39) cis-1,3-Dichloropropene	6.950	75	135682	5.369	ug/L	95
40) 4-Methyl-2-pentanone	7.149	43	539091	56.894	ug/L	100
42) Toluene	7.307	91	412260	5.386	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	114974	5.386	ug/L	98
45) 1,1,2-Trichloroethane	7.763	97	78155	5.323	ug/L	96
47) Tetrachloroethene	7.895	164	90868	5.739	ug/L	96
48) 2-Hexanone	8.069	43	406428	59.150	ug/L	98
49) Dibromochloromethane	8.169	129	88411	5.523	ug/L	99
50) 1,2-Dibromoethane	8.275	107	73677	5.413	ug/L	97
51) Chlorobenzene	8.805	112	268092	5.083	ug/L	100
52) Ethylbenzene	8.937	91	414014	5.098	ug/L	99
53) m,p-Xylene	9.066	106	158554	5.174	ug/L	96
54) o-Xylene	9.471	106	154456	5.178	ug/L	89
55) Styrene	9.490	104	280696	5.338	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.169	83	95728	5.576	ug/L	100
59) Bromoform	9.657	173	45787	5.525	ug/L	99
60) Isopropylbenzene	9.860	105	407823	4.972	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	66910	5.488	ug/L	98
62) 1,3,5-Trimethylbenzene	10.468	105	309395	4.754	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	314969	4.853	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	219627	4.987	ug/L	98
65) 1,4-Dichlorobenzene	11.201	146	224067	5.033	ug/L	98
67) 1,2-Dichlorobenzene	11.570	146	209013	5.128	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.361	75	14349	5.243	ug/L	94
69) 1,3,5-Trichlorobenzene	12.574	180	146062	4.682	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	115904	4.494	ug/L	99
71) Naphthalene	13.432	128	150524	3.752	ug/L	98
72) 1,2,3-Trichlorobenzene	13.673	180	104999	4.407	ug/L	99

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

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