

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112324\
 Data File : VV038297.D
 Acq On : 23 Nov 2024 14:14
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005314

Quant Time: Nov 23 23:00:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 23 02:01:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	256269	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	256758	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	140968	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	79098	4.027	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.600%
7) Chloroethane-d5	1.529	69	72229	4.546	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.000%
11) 1,1-Dichloroethene-d2	2.053	65	34854	4.123	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.400%
20) 2-Butanone-d5	3.793	46	181650	46.228	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.460%
24) Chloroform-d	4.240	84	182128	4.778	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
26) 1,2-Dichloroethane-d4	4.934	65	80793	4.723	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
32) Benzene-d6	4.950	84	322941	4.866	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
36) 1,2-Dichloropropane-d6	5.979	67	99028	4.850	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.000%
41) Toluene-d8	7.233	98	298272	4.858	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.200%
43) trans-1,3-Dichloroprop...	7.551	79	37263	4.908	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.200%
46) 2-Hexanone-d5	8.018	63	133772	45.329	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.660%
56) 1,1,2,2-Tetrachloroeth...	10.143	84	84345	4.866	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.400%
66) 1,2-Dichlorobenzene-d4	11.551	152	115424	4.806	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.200%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.105	85	106901	4.409	ug/L	98
3) Chloromethane	1.214	50	100714	4.824	ug/L	96
5) Vinyl chloride	1.281	62	106908	4.519	ug/L	100
6) Bromomethane	1.484	94	63057	6.836	ug/L	98
8) Chloroethane	1.545	64	72091	4.782	ug/L	98
9) Trichlorofluoromethane	1.709	101	148597	4.414	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	89275	4.646	ug/L	97
12) 1,1-Dichloroethene	2.063	96	81429	4.449	ug/L	96
13) Acetone	2.127	43	128369	44.171	ug/L	98
14) Carbon disulfide	2.236	76	251700	4.269	ug/L	100
15) Methyl Acetate	2.381	43	30860	4.373	ug/L #	88
16) Methylene chloride	2.442	84	93834	4.496	ug/L	98
17) Methyl tert-butyl Ether	2.696	73	176911	4.275	ug/L	100
18) trans-1,2-Dichloroethene	2.690	96	85693	4.444	ug/L	98
19) 1,1-Dichloroethane	3.105	63	164332	4.695	ug/L	98
21) 2-Butanone	3.876	43	165852	39.763	ug/L	97
22) cis-1,2-Dichloroethene	3.805	96	93631	4.696	ug/L	95
23) Bromochloromethane	4.140	128	44549	4.576	ug/L	91
25) Chloroform	4.265	83	174711	4.666	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	94388	4.633	ug/L	99
29) 1,1,1-Trichloroethane	4.500	97	153205	4.975	ug/L	99
30) Cyclohexane	4.567	56	115947	4.540	ug/L	99
31) Carbon tetrachloride	4.725	117	135213	4.977	ug/L	98
33) Benzene	5.002	78	356442	4.942	ug/L	100
34) Trichloroethene	5.825	95	95765	4.871	ug/L	97
35) Methylcyclohexane	6.040	83	127251	4.575	ug/L	100
37) 1,2-Dichloropropane	6.085	63	87601	4.849	ug/L	99
38) Bromodichloromethane	6.426	83	118658	4.887	ug/L	97
39) cis-1,3-Dichloropropene	6.947	75	122075	4.841	ug/L	97
40) 4-Methyl-2-pentanone	7.146	43	446357	47.208	ug/L	98
42) Toluene	7.307	91	384569	5.035	ug/L	98
44) trans-1,3-Dichloropropene	7.577	75	105132	4.935	ug/L	99
45) 1,1,2-Trichloroethane	7.764	97	71076	4.851	ug/L	99
47) Tetrachloroethene	7.895	164	71313	4.514	ug/L	97
48) 2-Hexanone	8.069	43	329085	47.996	ug/L	95
49) Dibromochloromethane	8.169	129	75605	4.733	ug/L	100
50) 1,2-Dibromoethane	8.275	107	62453	4.598	ug/L	99
51) Chlorobenzene	8.805	112	249000	4.732	ug/L	98
52) Ethylbenzene	8.937	91	383034	4.727	ug/L	100
53) m,p-Xylene	9.066	106	150641	4.926	ug/L	99
54) o-Xylene	9.471	106	137396	4.616	ug/L	97
55) Styrene	9.490	104	251352	4.790	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.169	83	78769	4.598	ug/L	96
59) Bromoform	9.661	173	38740	4.722	ug/L	99
60) Isopropylbenzene	9.860	105	383326	4.721	ug/L	100
61) 1,2,3-Trichloropropane	10.201	75	54417	4.509	ug/L	98
62) 1,3,5-Trimethylbenzene	10.468	105	288354	4.476	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	296093	4.609	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	205479	4.713	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	213654	4.848	ug/L	98
67) 1,2-Dichlorobenzene	11.570	146	196565	4.871	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	11318	4.178	ug/L	90
69) 1,3,5-Trichlorobenzene	12.574	180	146640	4.748	ug/L	100
70) 1,2,4-trichlorobenzene	13.191	180	115885	4.540	ug/L	98
71) Naphthalene	13.432	128	152455	3.839	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	103444	4.386	ug/L	98

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

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