

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112324\
 Data File : VV038320.D
 Acq On : 24 Nov 2024 00:26
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005315

Quant Time: Nov 24 00:53:19 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	239490	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	253459	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	136460	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	69870	3.806	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.200%
7) Chloroethane-d5	1.529	69	66169	4.456	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.200%
11) 1,1-Dichloroethene-d2	2.053	65	31347	3.968	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.400%
20) 2-Butanone-d5	3.789	46	205358	55.923	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.840%
24) Chloroform-d	4.240	84	172150	4.832	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
26) 1,2-Dichloroethane-d4	4.937	65	80048	5.008	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.200%
32) Benzene-d6	4.953	84	293593	4.482	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
36) 1,2-Dichloropropane-d6	5.982	67	93614	4.644	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.800%
41) Toluene-d8	7.236	98	275032	4.537	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
43) trans-1,3-Dichloroprop...	7.551	79	36756	4.905	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.000%
46) 2-Hexanone-d5	8.018	63	154687	53.099	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.200%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	89574	5.235	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.600%
66) 1,2-Dichlorobenzene-d4	11.554	152	105321	4.530	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	102062	4.504	ug/L	100
3) Chloromethane	1.214	50	102239	5.240	ug/L	99
5) Vinyl chloride	1.281	62	106933	4.837	ug/L	97
6) Bromomethane	1.484	94	62606	7.262	ug/L	97
8) Chloroethane	1.545	64	70746	5.022	ug/L	100
9) Trichlorofluoromethane	1.709	101	138378	4.398	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	81298	4.528	ug/L	96
12) 1,1-Dichloroethene	2.063	96	76072	4.447	ug/L	92
13) Acetone	2.121	43	138756	51.090	ug/L	99
14) Carbon disulfide	2.236	76	228637	4.149	ug/L	99
15) Methyl Acetate	2.378	43	33460	5.073	ug/L	94
16) Methylene chloride	2.442	84	93595	4.798	ug/L	96
17) Methyl tert-butyl Ether	2.696	73	189292	4.894	ug/L	98
18) trans-1,2-Dichloroethene	2.690	96	79907	4.434	ug/L	95
19) 1,1-Dichloroethane	3.105	63	164284	5.022	ug/L	99
21) 2-Butanone	3.870	43	202018	51.827	ug/L	98
22) cis-1,2-Dichloroethene	3.805	96	88898	4.771	ug/L	99
23) Bromochloromethane	4.143	128	45533	5.005	ug/L	98
25) Chloroform	4.265	83	172989	4.943	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	102354	5.376	ug/L	99
29) 1,1,1-Trichloroethane	4.503	97	143385	4.717	ug/L	98
30) Cyclohexane	4.574	56	109767	4.354	ug/L	97
31) Carbon tetrachloride	4.725	117	125345	4.674	ug/L	99
33) Benzene	5.002	78	348279	4.892	ug/L	100
34) Trichloroethene	5.828	95	92790	4.781	ug/L	96
35) Methylcyclohexane	6.040	83	117134	4.266	ug/L	99
37) 1,2-Dichloropropane	6.085	63	90999	5.103	ug/L	99
38) Bromodichloromethane	6.426	83	118719	4.953	ug/L	97
39) cis-1,3-Dichloropropene	6.950	75	123556	4.963	ug/L	97
40) 4-Methyl-2-pentanone	7.149	43	503454	53.940	ug/L	100
42) Toluene	7.307	91	372013	4.934	ug/L	98
44) trans-1,3-Dichloropropene	7.577	75	106276	5.054	ug/L	98
45) 1,1,2-Trichloroethane	7.764	97	74752	5.169	ug/L	98
47) Tetrachloroethene	7.899	164	71873	4.609	ug/L	98
48) 2-Hexanone	8.069	43	383455	56.654	ug/L	98
49) Dibromochloromethane	8.169	129	81373	5.161	ug/L	96
50) 1,2-Dibromoethane	8.278	107	69729	5.201	ug/L	95
51) Chlorobenzene	8.809	112	248561	4.785	ug/L	99
52) Ethylbenzene	8.940	91	372983	4.663	ug/L	99
53) m,p-Xylene	9.066	106	144857	4.799	ug/L	98
54) o-Xylene	9.471	106	139471	4.746	ug/L	93
55) Styrene	9.490	104	256516	4.952	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.169	83	88871	5.255	ug/L	98
59) Bromoform	9.657	173	42447	5.345	ug/L	99
60) Isopropylbenzene	9.860	105	370707	4.717	ug/L	100
61) 1,2,3-Trichloropropane	10.204	75	62014	5.308	ug/L	97
62) 1,3,5-Trimethylbenzene	10.468	105	278339	4.463	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	288298	4.636	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	200423	4.749	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	203833	4.778	ug/L	99
67) 1,2-Dichlorobenzene	11.570	146	190860	4.886	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	12906	4.921	ug/L	85
69) 1,3,5-Trichlorobenzene	12.574	180	134951	4.514	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	111184	4.499	ug/L	98
71) Naphthalene	13.432	128	164271	4.273	ug/L	98
72) 1,2,3-Trichlorobenzene	13.673	180	105042	4.600	ug/L	99

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

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