

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112724\
 Data File : VV038382.D
 Acq On : 27 Nov 2024 18:22
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005323

Quant Time: Nov 28 00:32:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 28 00:29:54 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	210317	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.777	117	231120	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	123070	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	54723	3.395	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.800%
7) Chloroethane-d5	1.529	69	52443	4.022	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.400%
11) 1,1-Dichloroethene-d2	2.053	65	26456	3.814	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.200%
20) 2-Butanone-d5	3.802	46	160638	49.813	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.620%
24) Chloroform-d	4.237	84	151683	4.848	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
26) 1,2-Dichloroethane-d4	4.937	65	64468	4.592	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
32) Benzene-d6	4.950	84	246765	4.131	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.600%
36) 1,2-Dichloropropane-d6	5.979	67	77988	4.243	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.800%
41) Toluene-d8	7.233	98	229103	4.145	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.000%
43) trans-1,3-Dichloroprop...	7.551	79	28712	4.201	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.000%
46) 2-Hexanone-d5	8.021	63	105081	39.557	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.120%
56) 1,1,2,2-Tetrachloroeth...	10.143	84	73262	4.695	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.000%
66) 1,2-Dichlorobenzene-d4	11.555	152	88347	4.213	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	94394	4.744	ug/L	99
3) Chloromethane	1.214	50	89389	5.217	ug/L	99
5) Vinyl chloride	1.278	62	91693	4.723	ug/L	99
6) Bromomethane	1.484	94	52649	6.955	ug/L	97
8) Chloroethane	1.545	64	60601	4.898	ug/L	97
9) Trichlorofluoromethane	1.709	101	134552	4.870	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	77714	4.928	ug/L	96
12) 1,1-Dichloroethene	2.063	96	71363	4.751	ug/L	87
13) Acetone	2.134	43	114012	47.802	ug/L	99
14) Carbon disulfide	2.233	76	208049	4.299	ug/L	100
15) Methyl Acetate	2.385	43	26491	4.574	ug/L	97
16) Methylene chloride	2.439	84	82477	4.815	ug/L	94
17) Methyl tert-butyl Ether	2.696	73	147924	4.355	ug/L	97
18) trans-1,2-Dichloroethene	2.687	96	73968	4.674	ug/L	98
19) 1,1-Dichloroethane	3.102	63	146415	5.097	ug/L	97
21) 2-Butanone	3.886	43	150989	44.109	ug/L	94
22) cis-1,2-Dichloroethene	3.806	96	78437	4.794	ug/L	99
23) Bromochloromethane	4.140	128	37754	4.726	ug/L	91
25) Chloroform	4.265	83	156981	5.108	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	82784	4.951	ug/L	99
29) 1,1,1-Trichloroethane	4.500	97	133745	4.825	ug/L	98
30) Cyclohexane	4.568	56	94397	4.106	ug/L	100
31) Carbon tetrachloride	4.722	117	117928	4.823	ug/L	98
33) Benzene	4.999	78	310285	4.780	ug/L	100
34) Trichloroethene	5.825	95	77811	4.397	ug/L	99
35) Methylcyclohexane	6.040	83	101916	4.071	ug/L	98
37) 1,2-Dichloropropane	6.085	63	76169	4.684	ug/L	97
38) Bromodichloromethane	6.423	83	103087	4.716	ug/L	99
39) cis-1,3-Dichloropropene	6.947	75	99814	4.397	ug/L	97
40) 4-Methyl-2-pentanone	7.150	43	389114	45.719	ug/L	96
42) Toluene	7.307	91	336796	4.898	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	87936	4.586	ug/L	97
45) 1,1,2-Trichloroethane	7.760	97	62075	4.707	ug/L	98
47) Tetrachloroethene	7.896	164	62838	4.419	ug/L	97
48) 2-Hexanone	8.069	43	287209	46.535	ug/L	93
49) Dibromochloromethane	8.166	129	68314	4.751	ug/L	95
50) 1,2-Dibromoethane	8.275	107	56968	4.659	ug/L	100
51) Chlorobenzene	8.805	112	215307	4.545	ug/L	99
52) Ethylbenzene	8.937	91	324835	4.454	ug/L	99
53) m,p-Xylene	9.066	106	123987	4.505	ug/L	96
54) o-Xylene	9.471	106	119885	4.474	ug/L	93
55) Styrene	9.490	104	218165	4.619	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.169	83	69545	4.510	ug/L	98
59) Bromoform	9.661	173	32763	4.574	ug/L	99
60) Isopropylbenzene	9.860	105	324326	4.575	ug/L	100
61) 1,2,3-Trichloropropane	10.204	75	48569	4.609	ug/L	99
62) 1,3,5-Trimethylbenzene	10.468	105	235119	4.180	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	237826	4.240	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	173628	4.562	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	175434	4.559	ug/L	99
67) 1,2-Dichlorobenzene	11.571	146	159117	4.517	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	9547	4.037	ug/L	95
69) 1,3,5-Trichlorobenzene	12.574	180	106501	3.950	ug/L	97
70) 1,2,4-trichlorobenzene	13.191	180	81473	3.656	ug/L	98
71) Naphthalene	13.435	128	96753	2.791	ug/L	98
72) 1,2,3-Trichlorobenzene	13.673	180	73675	3.578	ug/L	98

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

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