

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV102224\
 Data File : VV037911.D
 Acq On : 22 Oct 2024 15:53
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005292

Quant Time: Oct 23 01:18:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 23 01:16:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	270507	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	286506	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	151268	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	67136	3.768	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.400%
7) Chloroethane-d5	1.526	69	63464	3.999	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.000%
11) 1,1-Dichloroethene-d2	2.050	65	32473	3.913	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.200%
20) 2-Butanone-d5	3.793	46	163619	40.092	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.180%
24) Chloroform-d	4.240	84	176209	4.610	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.200%
26) 1,2-Dichloroethane-d4	4.934	65	75780	4.296	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.000%
32) Benzene-d6	4.950	84	314926	4.299	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.000%
36) 1,2-Dichloropropane-d6	5.982	67	93524	4.270	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.400%
41) Toluene-d8	7.236	98	290438	4.319	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.400%
43) trans-1,3-Dichloroprop...	7.555	79	34165	4.077	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.600%
46) 2-Hexanone-d5	8.021	63	139298	39.708	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.420%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	78391	4.370	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.400%
66) 1,2-Dichlorobenzene-d4	11.554	152	109518	4.246	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	132748	4.925	ug/L	98
3) Chloromethane	1.214	50	130431	5.028	ug/L	99
5) Vinyl chloride	1.278	62	136227	5.128	ug/L	97
6) Bromomethane	1.484	94	75465	4.468	ug/L	100
8) Chloroethane	1.545	64	85914	5.341	ug/L	100
9) Trichlorofluoromethane	1.706	101	188812	5.293	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	113129	5.463	ug/L	99
12) 1,1-Dichloroethene	2.063	96	102564	5.223	ug/L	91
13) Acetone	2.117	43	130168	42.164	ug/L	97
14) Carbon disulfide	2.233	76	326578	4.864	ug/L	99
15) Methyl Acetate	2.378	43	33598	4.241	ug/L	97
16) Methylene chloride	2.439	84	118413	4.696	ug/L	99
17) Methyl tert-butyl Ether	2.696	73	212597	4.667	ug/L	100
18) trans-1,2-Dichloroethene	2.687	96	113122	5.170	ug/L	97
19) 1,1-Dichloroethane	3.101	63	209457	5.433	ug/L	99
21) 2-Butanone	3.870	43	183495	39.327	ug/L	99
22) cis-1,2-Dichloroethene	3.806	96	118286	5.273	ug/L	97
23) Bromochloromethane	4.140	128	51669	4.964	ug/L	98
25) Chloroform	4.265	83	220619	5.433	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	112340	5.045	ug/L	100
29) 1,1,1-Trichloroethane	4.500	97	191908	5.444	ug/L	99
30) Cyclohexane	4.571	56	146229	4.786	ug/L	99
31) Carbon tetrachloride	4.722	117	161142	5.263	ug/L	100
33) Benzene	5.002	78	451632	5.285	ug/L	100
34) Trichloroethene	5.825	95	120735	5.250	ug/L	99
35) Methylcyclohexane	6.040	83	168287	4.943	ug/L	99
37) 1,2-Dichloropropane	6.085	63	110685	5.146	ug/L	100
38) Bromodichloromethane	6.426	83	143075	5.142	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	147810	4.747	ug/L	100
40) 4-Methyl-2-pentanone	7.149	43	496008	43.772	ug/L	99
42) Toluene	7.307	91	492153	5.514	ug/L	98
44) trans-1,3-Dichloropropene	7.577	75	120815	4.746	ug/L	100
45) 1,1,2-Trichloroethane	7.764	97	80012	5.004	ug/L	98
47) Tetrachloroethene	7.899	164	94021	5.235	ug/L	99
48) 2-Hexanone	8.072	43	348547	42.761	ug/L	98
49) Dibromochloromethane	8.169	129	87192	4.918	ug/L	97
50) 1,2-Dibromoethane	8.278	107	73124	4.781	ug/L	98
51) Chlorobenzene	8.809	112	317120	5.241	ug/L	99
52) Ethylbenzene	8.940	91	511579	5.240	ug/L	99
53) m,p-Xylene	9.066	106	196723	5.415	ug/L	96
54) o-Xylene	9.471	106	186327	5.249	ug/L	98
55) Styrene	9.490	104	335970	5.516	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.172	83	88835	4.737	ug/L	96
59) Bromoform	9.661	173	42447	4.434	ug/L	96
60) Isopropylbenzene	9.860	105	512569	5.318	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	60574	4.567	ug/L	100
62) 1,3,5-Trimethylbenzene	10.471	105	389200	5.108	ug/L	100
63) 1,2,4-Trimethylbenzene	10.847	105	395852	5.229	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	258747	5.269	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	262417	5.211	ug/L	98
67) 1,2-Dichlorobenzene	11.574	146	229844	5.060	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.361	75	12129	4.373	ug/L #	89
69) 1,3,5-Trichlorobenzene	12.577	180	179515	5.070	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	134511	4.664	ug/L	100
71) Naphthalene	13.435	128	151743	3.386	ug/L	98
72) 1,2,3-Trichlorobenzene	13.673	180	111348	4.364	ug/L	99

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

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