

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022724\
 Data File : VW034434.D
 Acq On : 27 Feb 2024 09:05
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005373

Quant Time: Feb 28 03:50:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 27 05:05:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	143596	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	135882	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	71774	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	41161	4.938	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.800%
7) Chloroethane-d5	1.532	69	36224	4.921	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.400%
11) 1,1-Dichloroethene-d2	2.060	65	18494	4.766	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.400%
20) 2-Butanone-d5	3.809	46	119054	54.627	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.260%
24) Chloroform-d	4.249	84	87178	5.209	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.200%
26) 1,2-Dichloroethane-d4	4.944	65	43276	5.081	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.600%
32) Benzene-d6	4.960	84	148021	4.842	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
36) 1,2-Dichloropropane-d6	5.989	67	44246	4.848	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.000%
41) Toluene-d8	7.243	98	132751	4.843	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
43) trans-1,3-Dichloroprop...	7.555	79	18000	5.294	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	105.800%
46) 2-Hexanone-d5	8.024	63	100068	52.048	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.100%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	37013	5.123	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.400%
66) 1,2-Dichlorobenzene-d4	11.561	152	52459	4.811	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	50629	5.586	ug/L	96
3) Chloromethane	1.214	50	57952	5.387	ug/L	98
5) Vinyl chloride	1.282	62	56907	5.350	ug/L	99
6) Bromomethane	1.487	94	30241	5.009	ug/L	99
8) Chloroethane	1.548	64	37065	4.926	ug/L	97
9) Trichlorofluoromethane	1.712	101	95165	5.496	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	51898	5.557	ug/L	99
12) 1,1-Dichloroethene	2.069	96	49148	5.465	ug/L	87
13) Acetone	2.143	43	104535	47.159	ug/L	98
14) Carbon disulfide	2.240	76	133918	5.558	ug/L	98
15) Methyl Acetate	2.388	43	20138	5.296	ug/L	95
16) Methylene chloride	2.446	84	53790	5.237	ug/L	95
17) Methyl tert-butyl Ether	2.703	73	127485	5.453	ug/L	99
18) trans-1,2-Dichloroethene	2.693	96	49457	5.408	ug/L	98
19) 1,1-Dichloroethane	3.111	63	95662	5.435	ug/L	97
21) 2-Butanone	3.889	43	133934	55.038	ug/L	96
22) cis-1,2-Dichloroethene	3.815	96	53998	5.370	ug/L	96
23) Bromochloromethane	4.150	128	23636	5.638	ug/L	98
25) Chloroform	4.275	83	99775	5.458	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	60825	5.452	ug/L	99
29) 1,1,1-Trichloroethane	4.510	97	90021	5.296	ug/L	99
30) Cyclohexane	4.580	56	77225	5.282	ug/L	98
31) Carbon tetrachloride	4.735	117	78741	5.338	ug/L	98
33) Benzene	5.008	78	195517	5.199	ug/L	100
34) Trichloroethene	5.834	95	53148	5.412	ug/L	99
35) Methylcyclohexane	6.047	83	79309	5.144	ug/L	97
37) 1,2-Dichloropropane	6.092	63	49037	5.275	ug/L	99
38) Bromodichloromethane	6.432	83	65341	5.158	ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	71788	5.572	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	312653	54.366	ug/L	100
42) Toluene	7.313	91	210386	5.325	ug/L	100
44) trans-1,3-Dichloropropene	7.580	75	59727	5.709	ug/L	97
45) 1,1,2-Trichloroethane	7.770	97	33586	5.312	ug/L	96
47) Tetrachloroethene	7.905	164	40436	5.248	ug/L	95
48) 2-Hexanone	8.075	43	224419	54.789	ug/L	97
49) Dibromochloromethane	8.175	129	40134	5.452	ug/L	97
50) 1,2-Dibromoethane	8.281	107	30940	5.231	ug/L	96
51) Chlorobenzene	8.815	112	132673	5.169	ug/L	97
52) Ethylbenzene	8.944	91	234615	5.272	ug/L	100
53) m,p-Xylene	9.072	106	87055	5.264	ug/L	96
54) o-Xylene	9.477	106	86697	5.251	ug/L	100
55) Styrene	9.497	104	145615	5.484	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	40286	5.326	ug/L	97
59) Bromoform	9.667	173	19915	5.434	ug/L	99
60) Isopropylbenzene	9.866	105	227743	5.301	ug/L	98
61) 1,2,3-Trichloropropane	10.210	75	29894	5.398	ug/L	97
62) 1,3,5-Trimethylbenzene	10.474	105	195438	5.212	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	197432	5.257	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	110497	5.295	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	106926	5.163	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	102648	5.248	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	7162	5.119	ug/L	97
69) 1,3,5-Trichlorobenzene	12.580	180	83492	5.215	ug/L	98
70) 1,2,4-trichlorobenzene	13.197	180	72524	5.189	ug/L	99
71) Naphthalene	13.439	128	117703	4.929	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	64559	5.157	ug/L	98

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

