

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW120624\
 Data File : VW038433.D
 Acq On : 06 Dec 2024 01:33
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005325

Quant Time: Dec 06 05:44:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 06 05:39:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	223480	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	239740	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	129779	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	51912	3.031	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.600%
7) Chloroethane-d5	1.529	69	53881	3.889	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.800%
11) 1,1-Dichloroethene-d2	2.053	65	25427	3.449	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.000%
20) 2-Butanone-d5	3.796	46	193406	56.442	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.880%
24) Chloroform-d	4.243	84	152300	4.581	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
26) 1,2-Dichloroethane-d4	4.941	65	71103	4.767	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
32) Benzene-d6	4.953	84	250947	4.050	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.000%
36) 1,2-Dichloropropane-d6	5.982	67	81062	4.252	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.000%
41) Toluene-d8	7.236	98	231912	4.045	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.800%
43) trans-1,3-Dichloroprop...	7.555	79	28977	4.088	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.800%
46) 2-Hexanone-d5	8.021	63	134297	48.737	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.480%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	83402	5.153	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.000%
66) 1,2-Dichlorobenzene-d4	11.551	152	91114	4.121	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	94079	4.449	ug/L	99
3) Chloromethane	1.214	50	90970	4.996	ug/L	100
5) Vinyl chloride	1.282	62	94697	4.590	ug/L	95
6) Bromomethane	1.487	94	45107	5.607	ug/L	100
8) Chloroethane	1.548	64	73192	5.567	ug/L	93
9) Trichlorofluoromethane	1.709	101	136438	4.647	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	77964	4.653	ug/L	97
12) 1,1-Dichloroethene	2.063	96	71712	4.493	ug/L	92
13) Acetone	2.130	43	131126	51.740	ug/L	98
14) Carbon disulfide	2.236	76	215235	4.186	ug/L	100
15) Methyl Acetate	2.384	43	30674	4.984	ug/L	98
16) Methylene chloride	2.442	84	89864	4.937	ug/L	95
17) Methyl tert-butyl Ether	2.700	73	169274	4.690	ug/L	99
18) trans-1,2-Dichloroethene	2.690	96	76270	4.536	ug/L	95
19) 1,1-Dichloroethane	3.105	63	155449	5.093	ug/L	99
21) 2-Butanone	3.880	43	174119	47.870	ug/L	98
22) cis-1,2-Dichloroethene	3.809	96	80499	4.630	ug/L	99
23) Bromochloromethane	4.146	128	40676	4.792	ug/L	# 94
25) Chloroform	4.269	83	166406	5.096	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	94587	5.324	ug/L	97
29) 1,1,1-Trichloroethane	4.503	97	138962	4.833	ug/L	98
30) Cyclohexane	4.574	56	99866	4.188	ug/L	97
31) Carbon tetrachloride	4.725	117	118254	4.662	ug/L	99
33) Benzene	5.002	78	325878	4.839	ug/L	100
34) Trichloroethene	5.828	95	81500	4.440	ug/L	98
35) Methylcyclohexane	6.040	83	101103	3.893	ug/L	96
37) 1,2-Dichloropropane	6.088	63	83223	4.934	ug/L	99
38) Bromodichloromethane	6.426	83	113269	4.996	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	101530	4.312	ug/L	99
40) 4-Methyl-2-pentanone	7.149	43	473755	53.662	ug/L	97
42) Toluene	7.307	91	352442	4.942	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	91337	4.592	ug/L	95
45) 1,1,2-Trichloroethane	7.764	97	68197	4.985	ug/L	94
47) Tetrachloroethene	7.899	164	62497	4.237	ug/L	94
48) 2-Hexanone	8.069	43	358773	56.041	ug/L	95
49) Dibromochloromethane	8.169	129	74035	4.964	ug/L	99
50) 1,2-Dibromoethane	8.278	107	62266	4.910	ug/L #	98
51) Chlorobenzene	8.809	112	221348	4.505	ug/L	99
52) Ethylbenzene	8.940	91	339724	4.490	ug/L	99
53) m,p-Xylene	9.066	106	133876	4.689	ug/L	98
54) o-Xylene	9.471	106	123852	4.456	ug/L	95
55) Styrene	9.490	104	229002	4.674	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.172	83	83063	5.193	ug/L	99
59) Bromoform	9.657	173	36563	4.841	ug/L	96
60) Isopropylbenzene	9.860	105	339132	4.537	ug/L	100
61) 1,2,3-Trichloropropane	10.204	75	56399	5.076	ug/L	97
62) 1,3,5-Trimethylbenzene	10.468	105	242251	4.084	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	249278	4.214	ug/L	98
64) 1,3-Dichlorobenzene	11.111	146	178909	4.458	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	187120	4.612	ug/L	99
67) 1,2-Dichlorobenzene	11.571	146	169088	4.552	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	11544	4.629	ug/L	91
69) 1,3,5-Trichlorobenzene	12.574	180	112749	3.966	ug/L	98
70) 1,2,4-trichlorobenzene	13.191	180	86878	3.697	ug/L	97
71) Naphthalene	13.435	128	113085	3.093	ug/L	98
72) 1,2,3-Trichlorobenzene	13.673	180	81190	3.739	ug/L	98

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

