

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011524\
 Data File : VW033654.D
 Acq On : 15 Jan 2024 20:13
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005324

Quant Time: Jan 16 03:49:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jan 16 03:40:53 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	110726	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	100706	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	50629	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	27877	4.604	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.000%
7) Chloroethane-d5	1.532	69	26332	4.904	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.000%
11) 1,1-Dichloroethene-d2	2.060	65	13424	4.920	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.400%
20) 2-Butanone-d5	3.802	46	75876	51.254	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.500%
24) Chloroform-d	4.249	84	69000	5.270	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.400%
26) 1,2-Dichloroethane-d4	4.944	65	31142	5.305	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.000%
32) Benzene-d6	4.960	84	125032	5.146	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.000%
36) 1,2-Dichloropropane-d6	5.989	67	39988	4.936	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.800%
41) Toluene-d8	7.243	98	113717	5.242	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.800%
43) trans-1,3-Dichloroprop...	7.555	79	14236	5.083	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.600%
46) 2-Hexanone-d5	8.027	63	61883	56.277	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.560%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	25159	5.315	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.200%
66) 1,2-Dichlorobenzene-d4	11.561	152	40450	5.204	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	54885	5.440	ug/L	99
3) Chloromethane	1.217	50	59991	4.960	ug/L	97
5) Vinyl chloride	1.285	62	60927	5.290	ug/L	98
6) Bromomethane	1.491	94	21014	3.648	ug/L	99
8) Chloroethane	1.552	64	36875	5.271	ug/L	97
9) Trichlorofluoromethane	1.716	101	80334	5.740	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	44227	5.623	ug/L	99
12) 1,1-Dichloroethene	2.073	96	42079	5.391	ug/L	96
13) Acetone	2.134	43	50649	42.145	ug/L	89
14) Carbon disulfide	2.243	76	155015	5.368	ug/L	99
15) Methyl Acetate	2.384	43	13687	4.765	ug/L	98
16) Methylene chloride	2.449	84	46144	5.010	ug/L	99
17) Methyl tert-butyl Ether	2.703	73	95208	5.387	ug/L	98
18) trans-1,2-Dichloroethene	2.696	96	47377	5.373	ug/L	97
19) 1,1-Dichloroethane	3.111	63	93714	5.349	ug/L	100
21) 2-Butanone	3.886	43	78918	47.308	ug/L	97
22) cis-1,2-Dichloroethene	3.815	96	50408	5.460	ug/L	95
23) Bromochloromethane	4.150	128	18482	5.489	ug/L	95
25) Chloroform	4.275	83	89204	5.546	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	50943	5.558	ug/L	99
29) 1,1,1-Trichloroethane	4.513	97	79646	5.578	ug/L	99
30) Cyclohexane	4.580	56	88810	5.189	ug/L	95
31) Carbon tetrachloride	4.735	117	69703	5.726	ug/L	95
33) Benzene	5.011	78	195426	5.466	ug/L	100
34) Trichloroethene	5.834	95	50729	5.330	ug/L	98
35) Methylcyclohexane	6.050	83	83946	5.211	ug/L	97
37) 1,2-Dichloropropane	6.092	63	47526	5.352	ug/L	98
38) Bromodichloromethane	6.432	83	59663	5.513	ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	67975	5.361	ug/L	97
40) 4-Methyl-2-pentanone	7.159	43	217434	53.270	ug/L	98
42) Toluene	7.313	91	206341	5.457	ug/L	99
44) trans-1,3-Dichloropropene	7.584	75	53131	5.199	ug/L	99
45) 1,1,2-Trichloroethane	7.770	97	26045	5.280	ug/L	96
47) Tetrachloroethene	7.905	164	38223	5.590	ug/L	97
48) 2-Hexanone	8.079	43	152319	50.939	ug/L	98
49) Dibromochloromethane	8.175	129	34405	5.601	ug/L	99
50) 1,2-Dibromoethane	8.284	107	24864	5.461	ug/L	100
51) Chlorobenzene	8.815	112	126657	5.468	ug/L	98
52) Ethylbenzene	8.947	91	237199	5.411	ug/L	99
53) m,p-Xylene	9.072	106	88131	5.457	ug/L	100
54) o-Xylene	9.477	106	85361	5.432	ug/L	100
55) Styrene	9.497	104	136794	5.462	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	30472	5.628	ug/L	100
59) Bromoform	9.667	173	17107	5.598	ug/L	97
60) Isopropylbenzene	9.866	105	219963	5.492	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	22368	5.511	ug/L	97
62) 1,3,5-Trimethylbenzene	10.474	105	190831	5.514	ug/L	98
63) 1,2,4-Trimethylbenzene	10.850	105	193912	5.550	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	98808	5.577	ug/L	98
65) 1,4-Dichlorobenzene	11.210	146	93398	5.384	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	85368	5.545	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.365	75	4969	5.571	ug/L	94
69) 1,3,5-Trichlorobenzene	12.583	180	72152	5.246	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	55982	4.886	ug/L	98
71) Naphthalene	13.442	128	74243	3.882	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	44269	4.817	ug/L	98

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

