

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012524\
 Data File : VW033863.D
 Acq On : 25 Jan 2024 11:34
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV239

Quant Time: Jan 25 21:18:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 25 21:12:54 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	96248	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	88621	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.184	152	44708	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	38474	5.161	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.200%
7) Chloroethane-d5	1.532	69	35027	5.365	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.200%
11) 1,1-Dichloroethene-d2	2.059	65	18868	5.249	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	105.000%
20) 2-Butanone-d5	3.821	46	70577	56.376	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.760%
24) Chloroform-d	4.246	84	73285	5.410	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.200%
26) 1,2-Dichloroethane-d4	4.944	65	34693	5.481	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.600%
32) Benzene-d6	4.960	84	141917	5.338	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.800%
36) 1,2-Dichloropropane-d6	5.989	67	39012	5.249	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.000%
41) Toluene-d8	7.243	98	132548	5.424	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.400%
43) trans-1,3-Dichloroprop...	7.554	79	15146	5.397	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	108.000%
46) 2-Hexanone-d5	8.027	63	57191	57.086	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.180%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	24401	5.415	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.400%
66) 1,2-Dichlorobenzene-d4	11.561	152	44193	5.435	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	46855	5.312	ug/L	99
3) Chloromethane	1.214	50	48736	5.066	ug/L	99
5) Vinyl chloride	1.281	62	47421	5.158	ug/L	99
6) Bromomethane	1.487	94	26236	5.419	ug/L	99
8) Chloroethane	1.548	64	30076	4.795	ug/L	99
9) Trichlorofluoromethane	1.712	101	69682	5.260	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	36894	5.327	ug/L	100
12) 1,1-Dichloroethene	2.069	96	35381	5.262	ug/L	98
13) Acetone	2.149	43	43692	46.003	ug/L	86
14) Carbon disulfide	2.240	76	114465	5.262	ug/L	99
15) Methyl Acetate	2.387	43	11188	4.977	ug/L	93
16) Methylene chloride	2.445	84	34569	5.358	ug/L	94
17) Methyl tert-butyl Ether	2.706	73	76303	5.523	ug/L	99
18) trans-1,2-Dichloroethene	2.693	96	35120	5.128	ug/L	99
19) 1,1-Dichloroethane	3.111	63	67195	5.340	ug/L	97
21) 2-Butanone	3.908	43	67736	53.969	ug/L #	62
22) cis-1,2-Dichloroethene	3.815	96	38491	4.954	ug/L	95
23) Bromochloromethane	4.146	128	14739	5.457	ug/L	99
25) Chloroform	4.275	83	67553	5.310	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	39098	5.368	ug/L	99
29) 1,1,1-Trichloroethane	4.510	97	61895	5.202	ug/L	98
30) Cyclohexane	4.580	56	60019	5.187	ug/L	100
31) Carbon tetrachloride	4.735	117	55413	5.323	ug/L	100
33) Benzene	5.008	78	140991	5.304	ug/L	100
34) Trichloroethene	5.831	95	38347	4.985	ug/L	97
35) Methylcyclohexane	6.046	83	64041	5.304	ug/L	98
37) 1,2-Dichloropropane	6.091	63	32018	4.973	ug/L	99
38) Bromodichloromethane	6.432	83	45492	5.383	ug/L	98
39) cis-1,3-Dichloropropene	6.953	75	52708	5.380	ug/L	98
40) 4-Methyl-2-pentanone	7.159	43	167343	54.276	ug/L	99
42) Toluene	7.313	91	152572	5.371	ug/L	96
44) trans-1,3-Dichloropropene	7.583	75	42170	5.606	ug/L	99
45) 1,1,2-Trichloroethane	7.770	97	20918	5.261	ug/L	98
47) Tetrachloroethene	7.905	164	30872	4.939	ug/L	95
48) 2-Hexanone	8.079	43	118926	54.721	ug/L	98
49) Dibromochloromethane	8.175	129	26023	5.508	ug/L	97
50) 1,2-Dibromoethane	8.284	107	20002	5.605	ug/L	99
51) Chlorobenzene	8.815	112	96485	5.372	ug/L	98
52) Ethylbenzene	8.947	91	174991	5.351	ug/L	99
53) m,p-Xylene	9.072	106	65323	5.286	ug/L	97
54) o-Xylene	9.477	106	63026	5.289	ug/L	99
55) Styrene	9.496	104	103689	5.435	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.178	83	22605	5.387	ug/L	99
59) Bromoform	9.667	173	13739	5.578	ug/L	97
60) Isopropylbenzene	9.866	105	175716	5.312	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	16390	5.333	ug/L	96
62) 1,3,5-Trimethylbenzene	10.474	105	147972	5.291	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	146229	5.381	ug/L	98
64) 1,3-Dichlorobenzene	11.117	146	76078	5.274	ug/L	98
65) 1,4-Dichlorobenzene	11.210	146	73724	5.162	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	66357	5.357	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.365	75	3833	5.951	ug/L	96
69) 1,3,5-Trichlorobenzene	12.583	180	60179	5.391	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	48503	5.566	ug/L	98
71) Naphthalene	13.442	128	83576	7.320	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	40492	5.799	ug/L	99

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

