

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011724\
 Data File : VW033727.D
 Acq On : 17 Jan 2024 18:30
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005329

Quant Time: Jan 18 00:08:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 18 00:02:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	113278	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	104537	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	55755	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	16858	2.721	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	54.400%
7) Chloroethane-d5	1.535	69	17188	3.129	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	62.600%#
11) 1,1-Dichloroethene-d2	2.063	65	8433	3.021	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.400%
20) 2-Butanone-d5	3.818	46	69496	45.887	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.780%
24) Chloroform-d	4.256	84	52676	3.932	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.600%
26) 1,2-Dichloroethane-d4	4.947	65	24376	4.058	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.200%
32) Benzene-d6	4.966	84	86750	3.439	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	68.800%#
36) 1,2-Dichloropropane-d6	5.992	67	29482	3.506	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	70.200%
41) Toluene-d8	7.246	98	76367	3.391	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.800%#
43) trans-1,3-Dichloroprop...	7.561	79	10402	3.578	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.600%
46) 2-Hexanone-d5	8.027	63	51318	44.959	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.920%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	21313	4.337	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.800%
66) 1,2-Dichlorobenzene-d4	11.561	152	33194	3.878	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	77.600%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	46358	4.492	ug/L	99
3) Chloromethane	1.217	50	50785	4.104	ug/L	98
5) Vinyl chloride	1.285	62	51914	4.406	ug/L	94
6) Bromomethane	1.490	94	19234	3.264	ug/L	97
8) Chloroethane	1.551	64	34241	4.784	ug/L	94
9) Trichlorofluoromethane	1.719	101	72330	5.052	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	39385	4.895	ug/L	99
12) 1,1-Dichloroethene	2.072	96	37469	4.692	ug/L	92
13) Acetone	2.146	43	48874	39.752	ug/L	93
14) Carbon disulfide	2.243	76	127877	4.328	ug/L	98
15) Methyl Acetate	2.391	43	13226	4.501	ug/L	96
16) Methylene chloride	2.449	84	42511	4.511	ug/L	95
17) Methyl tert-butyl Ether	2.706	73	84533	4.675	ug/L	98
18) trans-1,2-Dichloroethene	2.696	96	41132	4.560	ug/L	96
19) 1,1-Dichloroethane	3.114	63	80298	4.480	ug/L	99
21) 2-Butanone	3.899	43	72446	42.449	ug/L	95
22) cis-1,2-Dichloroethene	3.818	96	43647	4.621	ug/L	97
23) Bromochloromethane	4.153	128	16728	4.856	ug/L	91
25) Chloroform	4.278	83	76611	4.655	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	43478	4.637	ug/L	98
29) 1,1,1-Trichloroethane	4.516	97	70782	4.775	ug/L	99
30) Cyclohexane	4.583	56	74057	4.169	ug/L	94
31) Carbon tetrachloride	4.738	117	61434	4.862	ug/L	98
33) Benzene	5.014	78	167036	4.501	ug/L	100
34) Trichloroethene	5.834	95	44061	4.460	ug/L	96
35) Methylcyclohexane	6.050	83	73741	4.410	ug/L	96
37) 1,2-Dichloropropane	6.095	63	41893	4.545	ug/L	99
38) Bromodichloromethane	6.436	83	51882	4.618	ug/L	97
39) cis-1,3-Dichloropropene	6.956	75	60594	4.604	ug/L	98
40) 4-Methyl-2-pentanone	7.159	43	185559	43.795	ug/L	99
42) Toluene	7.316	91	181504	4.624	ug/L	100
44) trans-1,3-Dichloropropene	7.587	75	46945	4.426	ug/L	99
45) 1,1,2-Trichloroethane	7.770	97	23989	4.685	ug/L	97
47) Tetrachloroethene	7.905	164	34184	4.816	ug/L	96
48) 2-Hexanone	8.079	43	130107	41.917	ug/L	97
49) Dibromochloromethane	8.178	129	30411	4.770	ug/L	99
50) 1,2-Dibromoethane	8.284	107	22562	4.774	ug/L	99
51) Chlorobenzene	8.815	112	112845	4.693	ug/L	97
52) Ethylbenzene	8.947	91	212106	4.662	ug/L	99
53) m,p-Xylene	9.072	106	78589	4.688	ug/L	98
54) o-Xylene	9.477	106	75692	4.640	ug/L	99
55) Styrene	9.496	104	122325	4.705	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.178	83	26746	4.759	ug/L	99
59) Bromoform	9.667	173	15074	4.480	ug/L	99
60) Isopropylbenzene	9.866	105	197195	4.471	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	19592	4.384	ug/L	96
62) 1,3,5-Trimethylbenzene	10.477	105	172032	4.514	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	173916	4.520	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	89747	4.600	ug/L	98
65) 1,4-Dichlorobenzene	11.210	146	85871	4.495	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	77061	4.545	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.365	75	4292	4.369	ug/L	93
69) 1,3,5-Trichlorobenzene	12.583	180	69789	4.608	ug/L	98
70) 1,2,4-trichlorobenzene	13.197	180	53948	4.275	ug/L	99
71) Naphthalene	13.442	128	67436	3.202	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	43373	4.286	ug/L	99

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

