

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041124\
 Data File : VW035142.D
 Acq On : 11 Apr 2024 22:30
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005382

Quant Time: Apr 12 01:24:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 12 01:20:53 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	183030	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	186172	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	96325	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	60809	4.031	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.600%
7) Chloroethane-d5	1.532	69	59563	4.789	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.800%
11) 1,1-Dichloroethene-d2	2.060	65	28721	4.192	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.800%
20) 2-Butanone-d5	3.818	46	102177	43.293	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.580%
24) Chloroform-d	4.249	84	130129	5.332	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.600%
26) 1,2-Dichloroethane-d4	4.944	65	60507	5.490	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.800%
32) Benzene-d6	4.960	84	240876	4.946	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
36) 1,2-Dichloropropane-d6	5.989	67	74963	5.245	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.800%
41) Toluene-d8	7.243	98	221498	5.007	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.200%
43) trans-1,3-Dichloroprop...	7.558	79	23112	4.552	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.000%
46) 2-Hexanone-d5	8.027	63	121132	69.509	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	139.020%#
56) 1,1,2,2-Tetrachloroeth...	10.153	84	60425	6.059	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	121.200%#
66) 1,2-Dichlorobenzene-d4	11.561	152	75596	4.982	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	59244	4.206	ug/L	100
3) Chloromethane	1.217	50	77062	4.510	ug/L	98
5) Vinyl chloride	1.282	62	82694	4.526	ug/L	99
6) Bromomethane	1.490	94	40256	3.859	ug/L	100
8) Chloroethane	1.552	64	55739	4.745	ug/L	99
9) Trichlorofluoromethane	1.716	101	113217	4.661	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	67327	4.525	ug/L	99
12) 1,1-Dichloroethene	2.069	96	64298	4.627	ug/L	97
13) Acetone	2.137	43	66835	38.820	ug/L	75
14) Carbon disulfide	2.240	76	177640	4.291	ug/L	99
15) Methyl Acetate	2.388	43	21205	4.462	ug/L	94
16) Methylene chloride	2.449	84	75221	4.934	ug/L	94
17) Methyl tert-butyl Ether	2.706	73	157508	5.264	ug/L	98
18) trans-1,2-Dichloroethene	2.696	96	65376	4.746	ug/L	94
19) 1,1-Dichloroethane	3.111	63	142072	5.228	ug/L	99
21) 2-Butanone	3.902	43	115756	41.950	ug/L #	82
22) cis-1,2-Dichloroethene	3.815	96	71754	4.974	ug/L	97
23) Bromochloromethane	4.153	128	31590	5.216	ug/L	97
25) Chloroform	4.275	83	141043	5.226	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	79760	5.252	ug/L	99
29) 1,1,1-Trichloroethane	4.513	97	114479	5.017	ug/L	98
30) Cyclohexane	4.580	56	96311	4.582	ug/L	99
31) Carbon tetrachloride	4.735	117	96752	4.955	ug/L	99
33) Benzene	5.008	78	290389	5.095	ug/L	100
34) Trichloroethene	5.834	95	72364	4.873	ug/L	98
35) Methylcyclohexane	6.050	83	99189	4.385	ug/L	98
37) 1,2-Dichloropropane	6.092	63	77148	5.220	ug/L	100
38) Bromodichloromethane	6.432	83	96264	5.163	ug/L	97
39) cis-1,3-Dichloropropene	6.957	75	93185	4.694	ug/L	95
40) 4-Methyl-2-pentanone	7.159	43	396019	59.391	ug/L	99
42) Toluene	7.313	91	306710	5.119	ug/L	98
44) trans-1,3-Dichloropropene	7.583	75	81952	4.980	ug/L	99
45) 1,1,2-Trichloroethane	7.770	97	54471	5.610	ug/L	97
47) Tetrachloroethene	7.905	164	56048	5.023	ug/L	96
48) 2-Hexanone	8.079	43	290126	57.636	ug/L	97
49) Dibromochloromethane	8.175	129	59189	5.179	ug/L	100
50) 1,2-Dibromoethane	8.281	107	49981	5.467	ug/L	95
51) Chlorobenzene	8.812	112	193178	4.991	ug/L	99
52) Ethylbenzene	8.947	91	315424	4.874	ug/L	100
53) m,p-Xylene	9.072	106	115115	4.844	ug/L	99
54) o-Xylene	9.477	106	113661	4.875	ug/L	96
55) Styrene	9.497	104	196941	5.254	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.175	83	67142	5.785	ug/L	98
59) Bromoform	9.664	173	29747	4.968	ug/L	95
60) Isopropylbenzene	9.866	105	289567	4.810	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	49226	5.474	ug/L	97
62) 1,3,5-Trimethylbenzene	10.474	105	225638	4.562	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	238526	4.754	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	152907	4.976	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	148986	4.841	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	143199	5.045	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.365	75	10039	5.431	ug/L	95
69) 1,3,5-Trichlorobenzene	12.580	180	108822	4.717	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	87592	4.888	ug/L	99
71) Naphthalene	13.439	128	116610	4.630	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	82718	5.248	ug/L	98

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

