

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021524\
 Data File : VW034204.D
 Acq On : 15 Feb 2024 22:00
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005355

Quant Time: Feb 16 00:46:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 16 00:40:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	71266	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	66042	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	33121	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	19803	3.588	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.800%
7) Chloroethane-d5	1.532	69	19243	3.980	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.600%
11) 1,1-Dichloroethene-d2	2.059	65	10325	3.879	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.600%
20) 2-Butanone-d5	3.821	46	48860	52.710	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.420%
24) Chloroform-d	4.249	84	48507	4.836	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
26) 1,2-Dichloroethane-d4	4.947	65	23349	4.982	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.600%
32) Benzene-d6	4.963	84	83465	4.212	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.200%
36) 1,2-Dichloropropane-d6	5.992	67	23675	4.274	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.400%
41) Toluene-d8	7.243	98	76443	4.198	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.000%
43) trans-1,3-Dichloroprop...	7.558	79	9464	4.525	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.600%
46) 2-Hexanone-d5	8.027	63	37806	50.638	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.280%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	16193	4.823	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.400%
66) 1,2-Dichlorobenzene-d4	11.561	152	27320	4.535	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	28282	4.331	ug/L	97
3) Chloromethane	1.214	50	32024	4.495	ug/L	98
5) Vinyl chloride	1.285	62	32627	4.793	ug/L	89
6) Bromomethane	1.490	94	18239	5.088	ug/L	99
8) Chloroethane	1.551	64	20165	4.342	ug/L	95
9) Trichlorofluoromethane	1.715	101	52932	5.396	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	25331	4.940	ug/L	97
12) 1,1-Dichloroethene	2.069	96	25816	5.185	ug/L	92
13) Acetone	2.150	43	32296	45.925	ug/L #	44
14) Carbon disulfide	2.240	76	68263	4.238	ug/L	99
15) Methyl Acetate	2.391	43	7395	4.443	ug/L	98
16) Methylene chloride	2.449	84	23967	5.017	ug/L	97
17) Methyl tert-butyl Ether	2.706	73	55055	5.382	ug/L	96
18) trans-1,2-Dichloroethene	2.693	96	24190	4.770	ug/L	99
19) 1,1-Dichloroethane	3.114	63	45685	4.903	ug/L	98
21) 2-Butanone	3.905	43	41286	44.426	ug/L #	54
22) cis-1,2-Dichloroethene	3.818	96	26065	4.531	ug/L	94
23) Bromochloromethane	4.149	128	10872	5.436	ug/L	86
25) Chloroform	4.278	83	48504	5.150	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	29635	5.495	ug/L	98
29) 1,1,1-Trichloroethane	4.516	97	46786	5.277	ug/L	99
30) Cyclohexane	4.583	56	35208	4.083	ug/L	94
31) Carbon tetrachloride	4.738	117	42171	5.436	ug/L	99
33) Benzene	5.011	78	94413	4.766	ug/L	100
34) Trichloroethene	5.834	95	27069	4.722	ug/L	93
35) Methylcyclohexane	6.050	83	37393	4.155	ug/L	96
37) 1,2-Dichloropropane	6.095	63	21945	4.574	ug/L	99
38) Bromodichloromethane	6.432	83	31910	5.066	ug/L	98
39) cis-1,3-Dichloropropene	6.956	75	35334	4.840	ug/L	98
40) 4-Methyl-2-pentanone	7.159	43	114296	49.745	ug/L	99
42) Toluene	7.317	91	103991	4.912	ug/L	99
44) trans-1,3-Dichloropropene	7.583	75	28907	5.157	ug/L	97
45) 1,1,2-Trichloroethane	7.770	97	15327	5.173	ug/L	95
47) Tetrachloroethene	7.905	164	21079	4.525	ug/L	97
48) 2-Hexanone	8.079	43	79525	49.102	ug/L	99
49) Dibromochloromethane	8.175	129	18446	5.239	ug/L	94
50) 1,2-Dibromoethane	8.284	107	13883	5.221	ug/L #	96
51) Chlorobenzene	8.815	112	67425	5.037	ug/L	98
52) Ethylbenzene	8.947	91	120287	4.936	ug/L	100
53) m,p-Xylene	9.072	106	44766	4.861	ug/L	100
54) o-Xylene	9.477	106	44124	4.969	ug/L	98
55) Styrene	9.496	104	72639	5.109	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.178	83	15717	5.026	ug/L	99
59) Bromoform	9.667	173	9562	5.241	ug/L	99
60) Isopropylbenzene	9.866	105	123800	5.052	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	11853	5.206	ug/L	97
62) 1,3,5-Trimethylbenzene	10.474	105	102724	4.958	ug/L	98
63) 1,2,4-Trimethylbenzene	10.850	105	100879	5.011	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	54870	5.135	ug/L	98
65) 1,4-Dichlorobenzene	11.210	146	53062	5.015	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	47858	5.215	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.368	75	2730	5.721	ug/L	92
69) 1,3,5-Trichlorobenzene	12.583	180	39828	4.816	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	32503	5.035	ug/L	96
71) Naphthalene	13.438	128	45187	5.342	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	26574	5.137	ug/L	97

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

