

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102723\
 Data File : VW032706.D
 Acq On : 28 Oct 2023 00:12
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005306

Quant Time: Oct 28 02:06:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 28 00:17:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	147982	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	166229	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	90062	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	55644	4.579	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.600%
7) Chloroethane-d5	1.532	69	51731	5.009	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.200%
11) 1,1-Dichloroethene-d2	2.059	65	25148	4.610	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.200%
20) 2-Butanone-d5	3.805	46	119450	45.514	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.020%
24) Chloroform-d	4.252	84	109639	5.433	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.600%
26) 1,2-Dichloroethane-d4	4.947	65	50995	5.118	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.400%
32) Benzene-d6	4.963	84	206049	5.206	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.200%
36) 1,2-Dichloropropane-d6	5.989	67	58491	5.104	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.000%
41) Toluene-d8	7.246	98	215977	5.384	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.600%
43) trans-1,3-Dichloroprop...	7.558	79	25294	5.002	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.000%
46) 2-Hexanone-d5	8.027	63	105622	52.702	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.400%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	50897	4.994	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.800%
66) 1,2-Dichlorobenzene-d4	11.564	152	73896	5.025	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	74261	4.889	ug/L	96
3) Chloromethane	1.217	50	85559	4.775	ug/L	100
5) Vinyl chloride	1.281	62	85449	4.805	ug/L	99
6) Bromomethane	1.490	94	51348	4.948	ug/L	95
8) Chloroethane	1.548	64	57262	4.923	ug/L	99
9) Trichlorofluoromethane	1.715	101	117924	4.926	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	67010	4.746	ug/L	100
12) 1,1-Dichloroethene	2.072	96	63628	4.811	ug/L	89
13) Acetone	2.130	43	111200	42.919	ug/L	87
14) Carbon disulfide	2.243	76	205322	4.900	ug/L	99
15) Methyl Acetate	2.384	43	23485	4.526	ug/L	91
16) Methylene chloride	2.449	84	76263	4.685	ug/L	98
17) Methyl tert-butyl Ether	2.706	73	144682	5.067	ug/L	100
18) trans-1,2-Dichloroethene	2.696	96	67895	5.191	ug/L	98
19) 1,1-Dichloroethane	3.114	63	114824	4.952	ug/L	96
21) 2-Butanone	3.883	43	161145	47.045	ug/L	90
22) cis-1,2-Dichloroethene	3.818	96	71175	5.368	ug/L	96
23) Bromochloromethane	4.156	128	32496	5.268	ug/L	91
25) Chloroform	4.278	83	131075	5.200	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	79763	5.091	ug/L #	94
29) 1,1,1-Trichloroethane	4.516	97	107363	5.007	ug/L	98
30) Cyclohexane	4.587	56	88442	4.894	ug/L	98
31) Carbon tetrachloride	4.738	117	93983	5.038	ug/L	100
33) Benzene	5.011	78	276716	5.281	ug/L	100
34) Trichloroethene	5.834	95	71334	5.096	ug/L	99
35) Methylcyclohexane	6.050	83	101201	4.838	ug/L	98
37) 1,2-Dichloropropane	6.095	63	62537	4.946	ug/L	100
38) Bromodichloromethane	6.436	83	89113	4.771	ug/L	100
39) cis-1,3-Dichloropropene	6.956	75	97718	5.077	ug/L	97
40) 4-Methyl-2-pentanone	7.159	43	442929	54.294	ug/L	99
42) Toluene	7.316	91	324107	5.324	ug/L	99
44) trans-1,3-Dichloropropene	7.583	75	83783	5.058	ug/L	98
45) 1,1,2-Trichloroethane	7.770	97	54718	5.124	ug/L	99
47) Tetrachloroethene	7.908	164	62284	5.035	ug/L	97
48) 2-Hexanone	8.079	43	320902	53.781	ug/L	99
49) Dibromochloromethane	8.178	129	65649	5.183	ug/L	97
50) 1,2-Dibromoethane	8.284	107	52727	5.291	ug/L	100
51) Chlorobenzene	8.815	112	212233	5.277	ug/L	96
52) Ethylbenzene	8.950	91	342642	5.354	ug/L	96
53) m,p-Xylene	9.075	106	132016	5.448	ug/L	97
54) o-Xylene	9.480	106	127292	5.416	ug/L	100
55) Styrene	9.500	104	217331	5.581	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.181	83	62725	5.036	ug/L	95
59) Bromoform	9.667	173	34495	4.882	ug/L	99
60) Isopropylbenzene	9.869	105	318632	5.213	ug/L	99
61) 1,2,3-Trichloropropane	10.214	75	45022	4.727	ug/L	98
62) 1,3,5-Trimethylbenzene	10.480	105	256336	5.130	ug/L	99
63) 1,2,4-Trimethylbenzene	10.853	105	259726	5.260	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	167424	5.105	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	163000	5.007	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	154983	5.138	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.368	75	9343	4.104	ug/L	87
69) 1,3,5-Trichlorobenzene	12.586	180	114221	4.879	ug/L	100
70) 1,2,4-trichlorobenzene	13.201	180	95392	4.802	ug/L	99
71) Naphthalene	13.442	128	152150	4.833	ug/L	98
72) 1,2,3-Trichlorobenzene	13.683	180	89934	5.149	ug/L	99

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

