

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111723\
 Data File : VW032999.D
 Acq On : 17 Nov 2023 10:48
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005314

Quant Time: Nov 17 22:39:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 17 00:51:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	273842	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	264793	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	134223	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	109516	4.698	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.000%
7) Chloroethane-d5	1.532	69	81048	3.627	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.600%
11) 1,1-Dichloroethene-d2	2.060	65	39924	3.885	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.600%
20) 2-Butanone-d5	3.796	46	144384	46.495	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.980%
24) Chloroform-d	4.246	84	184143	4.595	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
26) 1,2-Dichloroethane-d4	4.944	65	75852	4.287	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.800%
32) Benzene-d6	4.957	84	368123	5.288	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.800%
36) 1,2-Dichloropropane-d6	5.989	67	106804	5.405	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.000%
41) Toluene-d8	7.243	98	333011	5.085	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.600%
43) trans-1,3-Dichloroprop...	7.555	79	35504	4.609	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.200%
46) 2-Hexanone-d5	8.024	63	130662	49.610	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.220%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	64372	4.416	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.400%
66) 1,2-Dichlorobenzene-d4	11.561	152	108574	4.649	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	134960	4.507	ug/L	99
3) Chloromethane	1.214	50	150652	5.058	ug/L	99
5) Vinyl chloride	1.282	62	138503	4.897	ug/L	99
6) Bromomethane	1.487	94	72491	3.596	ug/L	98
8) Chloroethane	1.548	64	78651	3.706	ug/L	98
9) Trichlorofluoromethane	1.712	101	167873	3.825	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	92507	3.718	ug/L	97
12) 1,1-Dichloroethene	2.069	96	89836	3.887	ug/L	96
13) Acetone	2.124	43	96002	33.286	ug/L	98
14) Carbon disulfide	2.240	76	332677	4.981	ug/L	100
15) Methyl Acetate	2.381	43	31876	4.982	ug/L	94
16) Methylene chloride	2.446	84	141112	5.156	ug/L	94
17) Methyl tert-butyl Ether	2.703	73	188810	4.894	ug/L	96
18) trans-1,2-Dichloroethene	2.693	96	108450	4.935	ug/L	95
19) 1,1-Dichloroethane	3.111	63	199532	5.126	ug/L	98
21) 2-Butanone	3.876	43	148765	42.524	ug/L	95
22) cis-1,2-Dichloroethene	3.815	96	109701	4.881	ug/L	92
23) Bromochloromethane	4.150	128	45156	4.379	ug/L	90
25) Chloroform	4.275	83	202917	4.725	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	97304	4.259	ug/L	99
29) 1,1,1-Trichloroethane	4.510	97	170183	4.655	ug/L	99
30) Cyclohexane	4.580	56	157606	6.182	ug/L	92
31) Carbon tetrachloride	4.735	117	147007	4.643	ug/L	99
33) Benzene	5.008	78	431678	5.523	ug/L	100
34) Trichloroethene	5.831	95	110631	5.144	ug/L	98
35) Methylcyclohexane	6.050	83	157808	5.539	ug/L	96
37) 1,2-Dichloropropane	6.092	63	104127	5.359	ug/L	99
38) Bromodichloromethane	6.432	83	127446	4.753	ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	130768	4.906	ug/L	97
40) 4-Methyl-2-pentanone	7.156	43	425590	55.508	ug/L	98
42) Toluene	7.313	91	444962	5.234	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	105302	4.913	ug/L	97
45) 1,1,2-Trichloroethane	7.770	97	66721	4.770	ug/L	96
47) Tetrachloroethene	7.905	164	87583	4.835	ug/L	98
48) 2-Hexanone	8.075	43	296064	52.296	ug/L	98
49) Dibromochloromethane	8.175	129	75543	4.504	ug/L	95
50) 1,2-Dibromoethane	8.284	107	60906	4.553	ug/L	94
51) Chlorobenzene	8.815	112	277443	4.860	ug/L	97
52) Ethylbenzene	8.947	91	467090	5.287	ug/L	100
53) m,p-Xylene	9.072	106	179610	5.259	ug/L	95
54) o-Xylene	9.477	106	169485	5.193	ug/L	92
55) Styrene	9.497	104	287836	5.128	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	67502	4.327	ug/L	99
59) Bromoform	9.667	173	39317	4.643	ug/L #	99
60) Isopropylbenzene	9.866	105	463978	5.580	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	45887	4.681	ug/L	97
62) 1,3,5-Trimethylbenzene	10.477	105	360129	5.526	ug/L	99
63) 1,2,4-Trimethylbenzene	10.854	105	363212	5.530	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	218686	4.953	ug/L	98
65) 1,4-Dichlorobenzene	11.210	146	220284	4.887	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	192462	4.881	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.365	75	9665	4.113	ug/L	89
69) 1,3,5-Trichlorobenzene	12.583	180	163301	4.981	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	126234	4.748	ug/L	98
71) Naphthalene	13.442	128	164729	4.451	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	106955	4.620	ug/L	99

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

