

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102723\
 Data File : VW032756.D
 Acq On : 28 Oct 2023 20:57
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005308

Quant Time: Oct 30 01:57:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Oct 30 01:47:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	124624	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	144170	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	76454	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	45449	4.441	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.800%
7) Chloroethane-d5	1.536	69	46631	5.361	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.200%
11) 1,1-Dichloroethene-d2	2.060	65	19909	4.334	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.600%
20) 2-Butanone-d5	3.809	46	110038	49.786	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.580%
24) Chloroform-d	4.253	84	95761	5.635	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.600%
26) 1,2-Dichloroethane-d4	4.950	65	46579	5.551	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.000%
32) Benzene-d6	4.963	84	174823	5.093	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.800%
36) 1,2-Dichloropropane-d6	5.995	67	52714	5.303	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.000%
41) Toluene-d8	7.246	98	180242	5.180	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.600%
43) trans-1,3-Dichloroprop...	7.558	79	22318	5.089	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.800%
46) 2-Hexanone-d5	8.031	63	97722	56.220	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.440%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	48533	5.491	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.800%
66) 1,2-Dichlorobenzene-d4	11.564	152	64964	5.204	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	61887	4.838	ug/L	99
3) Chloromethane	1.217	50	80958	5.365	ug/L	99
5) Vinyl chloride	1.285	62	76723	5.123	ug/L	98
6) Bromomethane	1.491	94	47144	5.394	ug/L	96
8) Chloroethane	1.552	64	56416	5.760	ug/L	99
9) Trichlorofluoromethane	1.716	101	104172	5.167	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	51227	4.308	ug/L	98
12) 1,1-Dichloroethene	2.073	96	53864	4.836	ug/L	92
13) Acetone	2.134	43	109266	50.077	ug/L	87
14) Carbon disulfide	2.243	76	172931	4.901	ug/L	99
15) Methyl Acetate	2.388	43	22137	5.066	ug/L	99
16) Methylene chloride	2.449	84	71189	5.193	ug/L	98
17) Methyl tert-butyl Ether	2.709	73	130456	5.425	ug/L	99
18) trans-1,2-Dichloroethene	2.700	96	56079	5.091	ug/L	98
19) 1,1-Dichloroethane	3.114	63	106588	5.458	ug/L	99
21) 2-Butanone	3.886	43	150654	52.225	ug/L	88
22) cis-1,2-Dichloroethene	3.818	96	60273	5.397	ug/L	95
23) Bromochloromethane	4.153	128	30363	5.845	ug/L	93
25) Chloroform	4.281	83	117773	5.548	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	72711	5.510	ug/L	97
29) 1,1,1-Trichloroethane	4.516	97	94238	5.067	ug/L	98
30) Cyclohexane	4.587	56	62898	4.013	ug/L	99
31) Carbon tetrachloride	4.738	117	77212	4.772	ug/L	99
33) Benzene	5.015	78	242685	5.340	ug/L	100
34) Trichloroethene	5.838	95	57524	4.738	ug/L	97
35) Methylcyclohexane	6.053	83	72701	4.008	ug/L	98
37) 1,2-Dichloropropane	6.098	63	62161	5.669	ug/L	99
38) Bromodichloromethane	6.436	83	81523	5.032	ug/L	99
39) cis-1,3-Dichloropropene	6.960	75	82048	4.915	ug/L	97
40) 4-Methyl-2-pentanone	7.162	43	417427	58.997	ug/L	100
42) Toluene	7.320	91	281339	5.329	ug/L	99
44) trans-1,3-Dichloropropene	7.587	75	77832	5.418	ug/L	98
45) 1,1,2-Trichloroethane	7.773	97	52601	5.680	ug/L	98
47) Tetrachloroethene	7.908	164	51447	4.795	ug/L	94
48) 2-Hexanone	8.079	43	307767	59.472	ug/L	99
49) Dibromochloromethane	8.178	129	61271	5.577	ug/L	97
50) 1,2-Dibromoethane	8.288	107	49686	5.749	ug/L	100
51) Chlorobenzene	8.818	112	178898	5.129	ug/L	99
52) Ethylbenzene	8.950	91	266728	4.806	ug/L	99
53) m,p-Xylene	9.076	106	105170	5.004	ug/L	97
54) o-Xylene	9.481	106	101875	4.997	ug/L	96
55) Styrene	9.500	104	184109	5.451	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.182	83	61186	5.664	ug/L	97
59) Bromoform	9.667	173	32307	5.386	ug/L	97
60) Isopropylbenzene	9.870	105	241483	4.654	ug/L	100
61) 1,2,3-Trichloropropane	10.214	75	44122	5.457	ug/L	98
62) 1,3,5-Trimethylbenzene	10.481	105	193591	4.564	ug/L	100
63) 1,2,4-Trimethylbenzene	10.854	105	197919	4.722	ug/L	100
64) 1,3-Dichlorobenzene	11.120	146	139784	5.021	ug/L	99
65) 1,4-Dichlorobenzene	11.214	146	135778	4.913	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	133864	5.228	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.368	75	8830	4.570	ug/L	95
69) 1,3,5-Trichlorobenzene	12.587	180	90487	4.553	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	75902	4.501	ug/L	99
71) Naphthalene	13.442	128	120103	4.494	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	71790	4.842	ug/L	100

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

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