

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092922\
 Data File : VW028175.D
 Acq On : 29 Sep 2022 10:24
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005309

Quant Time: Sep 30 01:46:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 29 01:25:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	147261	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	144917	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	85451	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	73455	4.811	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.200%
7) Chloroethane-d5	1.561	69	60696	5.000	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.000%
11) 1,1-Dichloroethene-d2	2.098	63	128357	4.847	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.000%
20) 2-Butanone-d5	3.889	46	125488	48.687	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.380%
24) Chloroform-d	4.336	84	124400	5.106	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.200%
26) 1,2-Dichloroethane-d4	5.024	65	54820	4.729	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
32) Benzene-d6	5.040	84	242957	5.113	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.200%
36) 1,2-Dichloropropane-d6	6.059	67	66371	4.480	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.600%
41) Toluene-d8	7.307	98	220905	5.136	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.800%
43) trans-1,3-Dichloroprop...	7.616	79	24383	4.557	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.200%
46) 2-Hexanone-d5	8.085	63	108870	48.748	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.500%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	48170	4.757	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.200%
66) 1,2-Dichlorobenzene-d4	11.619	152	85841	5.122	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	61625	5.603	ug/L	92
3) Chloromethane	1.237	50	53411	3.667	ug/L	100
5) Vinyl chloride	1.304	62	62397	5.464	ug/L	99
6) Bromomethane	1.516	94	49232	6.620	ug/L	95
8) Chloroethane	1.577	64	43701	5.707	ug/L	89
9) Trichlorofluoromethane	1.745	101	105474	5.817	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	63325	6.060	ug/L	95
12) 1,1-Dichloroethene	2.111	96	53709	5.277	ug/L	82
13) Acetone	2.185	43	87956	44.304	ug/L	96
14) Carbon disulfide	2.285	76	104101	5.330	ug/L	98
15) Methyl Acetate	2.433	43	20766	5.388	ug/L	93
16) Methylene chloride	2.497	84	65400	5.757	ug/L	92
17) Methyl tert-butyl Ether	2.761	73	128807	5.884	ug/L	98
18) trans-1,2-Dichloroethene	2.751	96	54066	6.069	ug/L	95
19) 1,1-Dichloroethane	3.179	63	110603	5.691	ug/L	98
21) 2-Butanone	3.970	43	114624	46.635	ug/L	92
22) cis-1,2-Dichloroethene	3.902	96	60513	5.177	ug/L	89
23) Bromochloromethane	4.240	128	27340	5.841	ug/L	# 77
25) Chloroform	4.365	83	116355	5.580	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.121	62	60080	5.403	ug/L	95
29) 1,1,1-Trichloroethane	4.597	97	99265	5.575	ug/L	99
30) Cyclohexane	4.667	56	62554	4.857	ug/L	89
31) Carbon tetrachloride	4.815	117	85090	5.807	ug/L	98
33) Benzene	5.088	78	217793	5.412	ug/L	100
34) Trichloroethene	5.908	95	54035	5.394	ug/L	94
35) Methylcyclohexane	6.121	83	69140	5.033	ug/L	94
37) 1,2-Dichloropropane	6.166	63	60945	5.402	ug/L	99
38) Bromodichloromethane	6.500	83	73072	5.246	ug/L	98
39) cis-1,3-Dichloropropene	7.021	75	73099	5.217	ug/L	97
40) 4-Methyl-2-pentanone	7.220	43	261184	47.675	ug/L #	93
42) Toluene	7.381	91	230643	5.495	ug/L	99
44) trans-1,3-Dichloropropene	7.645	75	63497	5.268	ug/L	91
45) 1,1,2-Trichloroethane	7.834	97	40404	5.343	ug/L	97
47) Tetrachloroethene	7.969	164	47380	5.926	ug/L	98
48) 2-Hexanone	8.133	43	200896	48.305	ug/L #	93
49) Dibromochloromethane	8.239	129	51480	5.662	ug/L	100
50) 1,2-Dibromoethane	8.349	107	36112	5.495	ug/L	99
51) Chlorobenzene	8.876	112	156253	5.550	ug/L	95
52) Ethylbenzene	9.008	91	239400	5.391	ug/L	99
53) m,p-Xylene	9.133	106	97191	5.711	ug/L	98
54) o-Xylene	9.538	106	96111	5.719	ug/L	99
55) Styrene	9.555	104	174952	6.008	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.236	83	45898	5.209	ug/L	99
59) Bromoform	9.728	173	28507	5.254	ug/L	99
60) Isopropylbenzene	9.928	105	261359	5.211	ug/L	99
61) 1,2,3-Trichloropropane	10.268	75	34793	4.855	ug/L	96
62) 1,3,5-Trimethylbenzene	10.535	105	70722	5.006	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	217064	5.496	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	138884	5.565	ug/L	99
65) 1,4-Dichlorobenzene	11.268	146	136211	5.455	ug/L	98
67) 1,2-Dichlorobenzene	11.638	146	132724	5.629	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.423	75	7634	4.859	ug/L	88
69) 1,3,5-Trichlorobenzene	12.641	180	112056	5.672	ug/L	99
70) 1,2,4-trichlorobenzene	13.255	180	99965	6.328	ug/L	99
71) Naphthalene	13.496	128	143593	5.550	ug/L	99
72) 1,2,3-Trichlorobenzene	13.738	180	87026	6.090	ug/L	99

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

