

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092922\
 Data File : VW028216.D
 Acq On : 30 Sep 2022 03:23
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005311

Quant Time: Sep 30 06:23:28 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	5.612	114	181702	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	180308	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	102311	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	72284	3.837	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.800%
7) Chloroethane-d5	1.561	69	59690	3.985	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.800%
11) 1,1-Dichloroethene-d2	2.101	63	124420	3.808	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.200%
20) 2-Butanone-d5	3.895	46	140582	44.205	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.400%
24) Chloroform-d	4.342	84	132871	4.420	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
26) 1,2-Dichloroethane-d4	5.027	65	59127	4.134	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.600%
32) Benzene-d6	5.043	84	261481	4.423	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
36) 1,2-Dichloropropane-d6	6.063	67	74899	4.064	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.200%
41) Toluene-d8	7.310	98	250434	4.680	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
43) trans-1,3-Dichloroprop...	7.619	79	26625	3.999	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.000%
46) 2-Hexanone-d5	8.085	63	120819	43.480	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.960%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	56322	4.471	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	89217	4.446	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	55882	4.118	ug/L	91
3) Chloromethane	1.236	50	48894	2.721	ug/L	98
5) Vinyl chloride	1.304	62	59609	4.231	ug/L	89
6) Bromomethane	1.516	94	23975	2.613	ug/L	99
8) Chloroethane	1.580	64	48348	5.117	ug/L	86
9) Trichlorofluoromethane	1.748	101	103434	4.623	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	58848	4.564	ug/L	97
12) 1,1-Dichloroethene	2.111	96	54073	4.306	ug/L	86
13) Acetone	2.188	43	90085	36.775	ug/L	97
14) Carbon disulfide	2.285	76	101461	4.210	ug/L	99
15) Methyl Acetate	2.436	43	19947	4.195	ug/L #	82
16) Methylene chloride	2.500	84	70420	5.024	ug/L	89
17) Methyl tert-butyl Ether	2.764	73	132835	4.918	ug/L	97
18) trans-1,2-Dichloroethene	2.754	96	54148	4.926	ug/L	93
19) 1,1-Dichloroethane	3.182	63	113410	4.729	ug/L	97
21) 2-Butanone	3.979	43	133139	43.901	ug/L	91
22) cis-1,2-Dichloroethene	3.905	96	64635	4.481	ug/L	95
23) Bromochloromethane	4.243	128	28799	4.986	ug/L #	85
25) Chloroform	4.368	83	126568	4.919	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	66236	4.827	ug/L #	92
29) 1,1,1-Trichloroethane	4.600	97	105683	4.770	ug/L	98
30) Cyclohexane	4.667	56	67717	4.226	ug/L	89
31) Carbon tetrachloride	4.821	117	89413	4.904	ug/L	99
33) Benzene	5.092	78	239500	4.783	ug/L	100
34) Trichloroethene	5.908	95	60183	4.829	ug/L	95
35) Methylcyclohexane	6.127	83	74326	4.348	ug/L	96
37) 1,2-Dichloropropane	6.169	63	63989	4.559	ug/L	98
38) Bromodichloromethane	6.506	83	83504	4.819	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	76080	4.364	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	327918	48.108	ug/L	95
42) Toluene	7.384	91	260751	4.993	ug/L	96
44) trans-1,3-Dichloropropene	7.648	75	65056	4.338	ug/L	94
45) 1,1,2-Trichloroethane	7.834	97	48388	5.143	ug/L	98
47) Tetrachloroethene	7.972	164	51028	5.129	ug/L	96
48) 2-Hexanone	8.136	43	247128	47.758	ug/L	97
49) Dibromochloromethane	8.243	129	56087	4.958	ug/L	98
50) 1,2-Dibromoethane	8.349	107	40786	4.988	ug/L	99
51) Chlorobenzene	8.879	112	181575	5.183	ug/L	96
52) Ethylbenzene	9.008	91	273953	4.958	ug/L	99
53) m,p-Xylene	9.133	106	108198	5.110	ug/L	98
54) o-Xylene	9.542	106	108859	5.206	ug/L	95
55) Styrene	9.558	104	192519	5.313	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.239	83	56254	5.131	ug/L	98
59) Bromoform	9.728	173	28399	4.372	ug/L	99
60) Isopropylbenzene	9.927	105	288425	4.803	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	40883	4.765	ug/L	99
62) 1,3,5-Trimethylbenzene	10.535	105	79279	4.687	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	219755	4.648	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	154074	5.156	ug/L	98
65) 1,4-Dichlorobenzene	11.268	146	150719	5.041	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	140576	4.980	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	8385	4.458	ug/L	89
69) 1,3,5-Trichlorobenzene	12.641	180	119846	5.067	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	96573	5.105	ug/L	99
71) Naphthalene	13.500	128	143775	4.642	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	86354	5.047	ug/L	99

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

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