

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW093022\
 Data File : VW028241.D
 Acq On : 30 Sep 2022 21:08
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005313

Quant Time: Sep 30 23:04:00 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	158290	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	166352	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	91504	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	67912	4.138	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.800%
7) Chloroethane-d5	1.561	69	60056	4.603	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.000%
11) 1,1-Dichloroethene-d2	2.101	63	122717	4.312	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.200%
20) 2-Butanone-d5	3.899	46	130168	46.984	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.960%
24) Chloroform-d	4.339	84	124015	4.736	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
26) 1,2-Dichloroethane-d4	5.027	65	55465	4.451	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.000%
32) Benzene-d6	5.043	84	246627	4.522	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
36) 1,2-Dichloropropane-d6	6.063	67	65660	3.861	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	77.200%
41) Toluene-d8	7.310	98	219086	4.437	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.800%
43) trans-1,3-Dichloroprop...	7.619	79	24226	3.944	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.800%
46) 2-Hexanone-d5	8.085	63	115778	45.161	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.320%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	50009	4.302	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	85790	4.780	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	53635	4.537	ug/L	93
3) Chloromethane	1.236	50	47402	3.028	ug/L	100
5) Vinyl chloride	1.304	62	57807	4.709	ug/L	98
6) Bromomethane	1.516	94	26215	3.280	ug/L	99
8) Chloroethane	1.577	64	39745	4.829	ug/L	88
9) Trichlorofluoromethane	1.748	101	100453	5.154	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	60361	5.374	ug/L	96
12) 1,1-Dichloroethene	2.111	96	53609	4.901	ug/L	78
13) Acetone	2.195	43	88000	41.237	ug/L	98
14) Carbon disulfide	2.285	76	99311	4.731	ug/L	98
15) Methyl Acetate	2.436	43	18754	4.527	ug/L #	78
16) Methylene chloride	2.500	84	65434	5.358	ug/L	89
17) Methyl tert-butyl Ether	2.764	73	130173	5.532	ug/L	97
18) trans-1,2-Dichloroethene	2.751	96	51275	5.355	ug/L	98
19) 1,1-Dichloroethane	3.182	63	109970	5.264	ug/L	98
21) 2-Butanone	3.982	43	116700	44.172	ug/L	92
22) cis-1,2-Dichloroethene	3.902	96	61320	4.880	ug/L	96
23) Bromochloromethane	4.243	128	27808	5.527	ug/L #	80
25) Chloroform	4.368	83	117245	5.230	ug/L	99

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	58806	4.920	ug/L #	90
29) 1,1,1-Trichloroethane	4.600	97	98698	4.829	ug/L	97
30) Cyclohexane	4.670	56	62244	4.211	ug/L	88
31) Carbon tetrachloride	4.821	117	81636	4.854	ug/L	100
33) Benzene	5.092	78	221021	4.785	ug/L	100
34) Trichloroethene	5.908	95	52774	4.590	ug/L	94
35) Methylcyclohexane	6.124	83	64196	4.071	ug/L	94
37) 1,2-Dichloropropane	6.165	63	52962	4.090	ug/L #	97
38) Bromodichloromethane	6.503	83	72041	4.506	ug/L #	94
39) cis-1,3-Dichloropropene	7.024	75	68196	4.240	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	267566	42.547	ug/L #	93
42) Toluene	7.384	91	240883	4.999	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	59974	4.335	ug/L	94
45) 1,1,2-Trichloroethane	7.834	97	43624	5.025	ug/L	96
47) Tetrachloroethene	7.969	164	44590	4.858	ug/L	99
48) 2-Hexanone	8.136	43	213843	44.793	ug/L #	94
49) Dibromochloromethane	8.239	129	49527	4.745	ug/L	99
50) 1,2-Dibromoethane	8.349	107	36453	4.832	ug/L	98
51) Chlorobenzene	8.876	112	166415	5.149	ug/L	99
52) Ethylbenzene	9.008	91	237848	4.666	ug/L	97
53) m,p-Xylene	9.136	106	105666	5.409	ug/L	96
54) o-Xylene	9.538	106	93277	4.835	ug/L	98
55) Styrene	9.558	104	168566	5.043	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.236	83	49975	4.941	ug/L	99
59) Bromoform	9.731	173	27952	4.811	ug/L	97
60) Isopropylbenzene	9.927	105	255466	4.756	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	36916	4.810	ug/L	96
62) 1,3,5-Trimethylbenzene	10.535	105	69361	4.585	ug/L	98
63) 1,2,4-Trimethylbenzene	10.911	105	211193	4.994	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	142867	5.346	ug/L	98
65) 1,4-Dichlorobenzene	11.268	146	140167	5.242	ug/L	99
67) 1,2-Dichlorobenzene	11.638	146	133442	5.286	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	7344	4.366	ug/L	98
69) 1,3,5-Trichlorobenzene	12.641	180	103790	4.906	ug/L	100
70) 1,2,4-trichlorobenzene	13.258	180	82188	4.858	ug/L	98
71) Naphthalene	13.496	128	120738	4.358	ug/L	98
72) 1,2,3-Trichlorobenzene	13.741	180	75820	4.955	ug/L	98

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

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