

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062322\
 Data File : VW026536.D
 Acq On : 24 Jun 2022 00:18
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005334

Quant Time: Jun 24 00:52:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 24 00:51:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	231572	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	213823	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	110934	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.317	65	85497	4.591	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.800%
7) Chloroethane-d5	1.580	69	69485	4.644	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.800%
11) 1,1-Dichloroethene-d2	2.121	63	154371	4.665	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.200%
20) 2-Butanone-d5	3.924	46	115946	62.622	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.240%
24) Chloroform-d	4.358	84	151059	4.962	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
26) 1,2-Dichloroethane-d4	5.043	65	58982	5.030	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.600%
32) Benzene-d6	5.056	84	297902	4.850	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
36) 1,2-Dichloropropane-d6	6.075	67	85648	5.071	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.400%
41) Toluene-d8	7.316	98	279997	5.070	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.400%
43) trans-1,3-Dichloroprop...	7.625	79	20514	4.699	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.000%
46) 2-Hexanone-d5	8.091	63	96563	58.072	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.140%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	58313	5.278	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	88014	4.794	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.143	85	81783	4.638	ug/L	98
3) Chloromethane	1.252	50	87948	4.561	ug/L	98
5) Vinyl chloride	1.323	62	95939	4.672	ug/L	84
6) Bromomethane	1.532	94	46351	4.170	ug/L	98
8) Chloroethane	1.596	64	64778	4.639	ug/L	96
9) Trichlorofluoromethane	1.764	101	134057	4.681	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.127	101	77783	4.584	ug/L	99
12) 1,1-Dichloroethene	2.130	96	75291	4.814	ug/L	97
13) Acetone	2.217	43	65922	56.123	ug/L	90
14) Carbon disulfide	2.304	76	194644	4.717	ug/L	99
15) Methyl Acetate	2.461	43	16518	4.877	ug/L	98
16) Methylene chloride	2.519	84	77560	4.671	ug/L	97
17) Methyl tert-butyl Ether	2.783	73	135495	5.315	ug/L	100
18) trans-1,2-Dichloroethene	2.770	96	76242	4.778	ug/L	97
19) 1,1-Dichloroethane	3.201	63	139038	4.852	ug/L	97
21) 2-Butanone	4.008	43	109032	61.703	ug/L	94
22) cis-1,2-Dichloroethene	3.924	96	79252	5.002	ug/L	98
23) Bromochloromethane	4.262	128	33467	5.128	ug/L	91
25) Chloroform	4.384	83	142861	4.661	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.140	62	69485	5.093	ug/L	99
29) 1,1,1-Trichloroethane	4.616	97	125374	4.765	ug/L	99
30) Cyclohexane	4.686	56	103289	4.958	ug/L	98
31) Carbon tetrachloride	4.837	117	101811	4.613	ug/L	100
33) Benzene	5.108	78	311362	4.987	ug/L	100
34) Trichloroethene	5.918	95	78618	4.790	ug/L	96
35) Methylcyclohexane	6.136	83	114165	4.702	ug/L	99
37) 1,2-Dichloropropane	6.178	63	75195	4.997	ug/L	99
38) Bromodichloromethane	6.516	83	86753	4.884	ug/L	98
39) cis-1,3-Dichloropropene	7.030	75	69775	4.613	ug/L	100
40) 4-Methyl-2-pentanone	7.230	43	294476	57.937	ug/L	97
42) Toluene	7.390	91	333337	5.172	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	52005	4.623	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	50144	5.284	ug/L	98
47) Tetrachloroethene	7.976	164	62200	4.760	ug/L	99
48) 2-Hexanone	8.143	43	202926	57.354	ug/L	95
49) Dibromochloromethane	8.246	129	48756	5.074	ug/L	97
50) 1,2-Dibromoethane	8.355	107	44382	5.260	ug/L	96
51) Chlorobenzene	8.882	112	211245	5.004	ug/L	99
52) Ethylbenzene	9.011	91	338895	5.084	ug/L	100
53) m,p-Xylene	9.140	106	133564	5.136	ug/L	99
54) o-Xylene	9.545	106	126076	5.165	ug/L	98
55) Styrene	9.561	104	216042	5.344	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	56857	5.366	ug/L	100
59) Bromoform	9.731	173	19093	4.671	ug/L	98
60) Isopropylbenzene	9.931	105	339175	4.958	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	37320	5.196	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	263818	4.878	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	264720	4.964	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	161601	4.856	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	160813	4.867	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	140433	4.960	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	6317	4.903	ug/L	92
69) 1,3,5-Trichlorobenzene	12.644	180	110718	4.627	ug/L	100
70) 1,2,4-trichlorobenzene	13.258	180	83412	4.937	ug/L	100
71) Naphthalene	13.499	128	112139	5.087	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	70632	5.108	ug/L	99

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

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