

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071422\
 Data File : VW026768.D
 Acq On : 14 Jul 2022 09:26
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005353

Quant Time: Jul 15 06:35:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 13 23:00:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	225221	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	231239	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	124090	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.298	65	82436	4.012	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.200%
7) Chloroethane-d5	1.558	69	77558	4.369	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.400%
11) 1,1-Dichloroethene-d2	2.098	63	174661	4.428	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.600%
20) 2-Butanone-d5	3.902	46	137926	43.011	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.020%
24) Chloroform-d	4.339	84	177714	4.946	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
26) 1,2-Dichloroethane-d4	5.024	65	78116	4.977	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.600%
32) Benzene-d6	5.040	84	310930	4.425	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.600%
36) 1,2-Dichloropropane-d6	6.063	67	98787	4.689	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.800%
41) Toluene-d8	7.310	98	280981	4.505	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.000%
43) trans-1,3-Dichloroprop...	7.619	79	30871	4.479	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.600%
46) 2-Hexanone-d5	8.088	63	147425	49.401	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.800%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	82229	5.010	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	95039	4.396	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	166665	5.821	ug/L	100
3) Chloromethane	1.233	50	140896	5.128	ug/L	99
5) Vinyl chloride	1.304	62	157837	5.642	ug/L	100
6) Bromomethane	1.513	94	61826	3.692	ug/L	99
8) Chloroethane	1.577	64	97440	5.911	ug/L	92
9) Trichlorofluoromethane	1.745	101	204665	5.757	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.105	101	116980	5.744	ug/L	99
12) 1,1-Dichloroethene	2.108	96	110498	5.596	ug/L	95
13) Acetone	2.191	43	102033	37.817	ug/L #	39
14) Carbon disulfide	2.281	76	335079	5.759	ug/L	98
15) Methyl Acetate	2.436	43	31748	5.818	ug/L	95
16) Methylene chloride	2.497	84	120930	5.141	ug/L	100
17) Methyl tert-butyl Ether	2.764	73	194748	5.724	ug/L	99
18) trans-1,2-Dichloroethene	2.748	96	106490	5.867	ug/L	98
19) 1,1-Dichloroethane	3.179	63	200530	6.050	ug/L	99
21) 2-Butanone	3.989	43	161260	51.249	ug/L	92
22) cis-1,2-Dichloroethene	3.899	96	104024	5.682	ug/L	96
23) Bromochloromethane	4.236	128	50355	5.971	ug/L	98
25) Chloroform	4.365	83	203567	5.864	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	110681	5.917	ug/L	99
29) 1,1,1-Trichloroethane	4.596	97	178951	5.743	ug/L	99
30) Cyclohexane	4.664	56	142442	5.364	ug/L	99
31) Carbon tetrachloride	4.815	117	153974	5.595	ug/L	98
33) Benzene	5.088	78	434051	5.615	ug/L	100
34) Trichloroethene	5.905	95	102689	5.405	ug/L	98
35) Methylcyclohexane	6.124	83	157198	5.421	ug/L	98
37) 1,2-Dichloropropane	6.166	63	109253	5.910	ug/L	100
38) Bromodichloromethane	6.503	83	136050	5.645	ug/L	99
39) cis-1,3-Dichloropropene	7.021	75	122342	5.325	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	494794	57.945	ug/L	93
42) Toluene	7.381	91	464110	5.944	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	106220	5.631	ug/L	100
45) 1,1,2-Trichloroethane	7.834	97	75735	5.604	ug/L	97
47) Tetrachloroethene	7.969	164	84607	5.677	ug/L	99
48) 2-Hexanone	8.137	43	376627	60.941	ug/L	98
49) Dibromochloromethane	8.243	129	85783	5.508	ug/L	100
50) 1,2-Dibromoethane	8.349	107	67202	5.620	ug/L	99
51) Chlorobenzene	8.876	112	276278	5.597	ug/L	98
52) Ethylbenzene	9.008	91	419565	5.430	ug/L	99
53) m,p-Xylene	9.133	106	170514	5.675	ug/L	98
54) o-Xylene	9.538	106	156680	5.487	ug/L	98
55) Styrene	9.558	104	291818	5.832	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	90274	5.643	ug/L	97
59) Bromoform	9.728	173	40625	5.102	ug/L	96
60) Isopropylbenzene	9.927	105	417056	5.389	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	62403	5.453	ug/L	98
62) 1,3,5-Trimethylbenzene	10.535	105	314762	5.112	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	324504	5.190	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	210118	5.541	ug/L	98
65) 1,4-Dichlorobenzene	11.268	146	209827	5.442	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	189273	5.345	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	12119	4.996	ug/L	96
69) 1,3,5-Trichlorobenzene	12.641	180	138348	5.162	ug/L	97
70) 1,2,4-trichlorobenzene	13.259	180	99758	4.894	ug/L	96
71) Naphthalene	13.500	128	152575	4.518	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	93205	4.914	ug/L	99

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

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