

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022422\
 Data File : VW024813.D
 Acq On : 24 Feb 2022 10:40
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005323

Quant Time: Feb 25 03:18:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR021722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 22 03:27:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	203571	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	187546	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	87430	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	77352	4.480	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.600%
7) Chloroethane-d5	1.568	69	62163	4.388	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.800%
11) 1,1-Dichloroethene-d2	2.111	63	137615	4.349	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.000%
20) 2-Butanone-d5	3.895	46	117541	47.658	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.320%
24) Chloroform-d	4.342	84	127411	4.729	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
26) 1,2-Dichloroethane-d4	5.030	65	53351	4.442	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.800%
32) Benzene-d6	5.047	84	253804	4.691	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
36) 1,2-Dichloropropane-d6	6.066	67	76059	4.777	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.600%
41) Toluene-d8	7.310	98	230056	4.679	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
43) trans-1,3-Dichloroprop...	7.619	79	25850	4.873	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.400%
46) 2-Hexanone-d5	8.085	63	91436	43.809	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.620%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	43685	4.552	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	68643	4.537	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	98754	4.975	ug/L	99
3) Chloromethane	1.243	50	99177	5.002	ug/L	98
5) Vinyl chloride	1.310	62	104096	4.782	ug/L	97
6) Bromomethane	1.523	94	65009	5.000	ug/L	97
8) Chloroethane	1.587	64	65307	4.871	ug/L	98
9) Trichlorofluoromethane	1.754	101	140572	4.919	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	81367	4.904	ug/L	99
12) 1,1-Dichloroethene	2.117	96	76595	4.831	ug/L	98
13) Acetone	2.195	43	96008	55.200	ug/L	97
14) Carbon disulfide	2.294	76	225087	5.059	ug/L	99
15) Methyl Acetate	2.439	43	24735	5.432	ug/L	97
16) Methylene chloride	2.506	84	83308	5.337	ug/L	98
17) Methyl tert-butyl Ether	2.767	73	169385	5.435	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	82566	5.333	ug/L	98
19) 1,1-Dichloroethane	3.188	63	153319	5.408	ug/L	99
21) 2-Butanone	3.976	43	155432	57.830	ug/L	97
22) cis-1,2-Dichloroethene	3.908	96	88771	5.424	ug/L	96
23) Bromochloromethane	4.243	128	34390	5.436	ug/L	95
25) Chloroform	4.371	83	157543	5.319	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	81600	5.162	ug/L	100
29) 1,1,1-Trichloroethane	4.603	97	135606	5.387	ug/L	99
30) Cyclohexane	4.674	56	126910	4.971	ug/L	97
31) Carbon tetrachloride	4.821	117	112434	5.313	ug/L	99
33) Benzene	5.095	78	342523	5.394	ug/L	100
34) Trichloroethene	5.908	95	91544	5.442	ug/L	94
35) Methylcyclohexane	6.127	83	140173	5.158	ug/L	99
37) 1,2-Dichloropropane	6.169	63	83857	5.589	ug/L	99
38) Bromodichloromethane	6.506	83	102659	5.436	ug/L	95
39) cis-1,3-Dichloropropene	7.024	75	113203	5.440	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	394928	55.341	ug/L	99
42) Toluene	7.384	91	362633	5.364	ug/L	98
44) trans-1,3-Dichloropropene	7.648	75	88548	5.326	ug/L	98
45) 1,1,2-Trichloroethane	7.834	97	54634	5.598	ug/L	99
47) Tetrachloroethene	7.972	164	59927	5.232	ug/L	98
48) 2-Hexanone	8.136	43	278405	55.487	ug/L	98
49) Dibromochloromethane	8.243	129	59000	5.448	ug/L	98
50) 1,2-Dibromoethane	8.349	107	50297	5.648	ug/L	100
51) Chlorobenzene	8.879	112	223763	5.291	ug/L	99
52) Ethylbenzene	9.008	91	390211	5.289	ug/L	99
53) m,p-xylene	9.133	106	150231	5.386	ug/L	100
54) o-xylene	9.538	106	142690	5.235	ug/L	99
55) Styrene	9.558	104	244992	5.526	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	53008	5.135	ug/L	98
59) Bromoform	9.728	173	24560	5.549	ug/L	97
60) Isopropylbenzene	9.927	105	390943	5.406	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	43162	5.447	ug/L	98
62) 1,3,5-Trimethylbenzene	10.535	105	324121	5.376	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	324942	5.430	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	166901	5.472	ug/L	98
65) 1,4-Dichlorobenzene	11.268	146	164211	5.391	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	148209	5.509	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	7301	5.389	ug/L	93
69) 1,3,5-Trichlorobenzene	12.641	180	116558	5.389	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	90537	5.314	ug/L	98
71) Naphthalene	13.500	128	154041	5.316	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	77655	5.445	ug/L	99

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

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