

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071322\
 Data File : VW026766.D
 Acq On : 13 Jul 2022 20:53
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005352

Quant Time: Jul 13 23:06:43 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	5.616	114	249443	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	253851	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	131832	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	88407	3.885	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.600%
7) Chloroethane-d5	1.561	69	81147	4.127	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.600%
11) 1,1-Dichloroethene-d2	2.102	63	185509	4.246	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.000%
20) 2-Butanone-d5	3.899	46	156269	43.999	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.000%
24) Chloroform-d	4.346	84	187059	4.701	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
26) 1,2-Dichloroethane-d4	5.031	65	82022	4.718	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
32) Benzene-d6	5.043	84	347023	4.499	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
36) 1,2-Dichloropropane-d6	6.066	67	105709	4.571	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.400%
41) Toluene-d8	7.314	98	319955	4.673	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.400%
43) trans-1,3-Dichloroprop...	7.622	79	30290	4.003	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.000%
46) 2-Hexanone-d5	8.088	63	160950	49.129	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.260%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	84079	4.667	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	101038	4.399	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	157105	4.954	ug/L	100
3) Chloromethane	1.237	50	138566	4.554	ug/L	97
5) Vinyl chloride	1.304	62	156821	5.061	ug/L	99
6) Bromomethane	1.516	94	96015	5.177	ug/L	97
8) Chloroethane	1.577	64	95982	5.258	ug/L	91
9) Trichlorofluoromethane	1.745	101	198229	5.034	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	110902	4.917	ug/L	99
12) 1,1-Dichloroethene	2.111	96	108344	4.954	ug/L	97
13) Acetone	2.182	43	99266	33.219	ug/L #	23
14) Carbon disulfide	2.285	76	325735	5.055	ug/L	99
15) Methyl Acetate	2.436	43	33418	5.529	ug/L	100
16) Methylene chloride	2.500	84	127905	4.910	ug/L	96
17) Methyl tert-butyl Ether	2.767	73	190769	5.063	ug/L	99
18) trans-1,2-Dichloroethene	2.754	96	105948	5.270	ug/L	97
19) 1,1-Dichloroethane	3.182	63	200269	5.456	ug/L	99
21) 2-Butanone	3.982	43	155770	44.697	ug/L	99
22) cis-1,2-Dichloroethene	3.905	96	103414	5.101	ug/L	97
23) Bromochloromethane	4.246	128	48851	5.230	ug/L	96
25) Chloroform	4.372	83	202618	5.270	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	108306	5.228	ug/L	99
29) 1,1,1-Trichloroethane	4.603	97	174901	5.113	ug/L	100
30) Cyclohexane	4.671	56	145732	4.999	ug/L	100
31) Carbon tetrachloride	4.822	117	148802	4.926	ug/L	98
33) Benzene	5.095	78	438182	5.163	ug/L	100
34) Trichloroethene	5.912	95	103019	4.939	ug/L	97
35) Methylcyclohexane	6.127	83	150678	4.733	ug/L	95
37) 1,2-Dichloropropane	6.172	63	108838	5.363	ug/L	99
38) Bromodichloromethane	6.506	83	132622	5.013	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	117247	4.649	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	515094	54.949	ug/L	98
42) Toluene	7.384	91	462985	5.401	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	99404	4.800	ug/L	99
45) 1,1,2-Trichloroethane	7.838	97	77147	5.200	ug/L	99
47) Tetrachloroethene	7.973	164	84960	5.193	ug/L	98
48) 2-Hexanone	8.140	43	387656	57.138	ug/L	98
49) Dibromochloromethane	8.243	129	81573	4.771	ug/L	98
50) 1,2-Dibromoethane	8.352	107	69414	5.288	ug/L	96
51) Chlorobenzene	8.879	112	279204	5.152	ug/L	99
52) Ethylbenzene	9.011	91	422440	4.980	ug/L	99
53) m,p-Xylene	9.137	106	169953	5.152	ug/L	100
54) o-Xylene	9.542	106	157863	5.036	ug/L	96
55) Styrene	9.558	104	287620	5.236	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.239	83	90270	5.140	ug/L	94
59) Bromoform	9.731	173	36467	4.311	ug/L	97
60) Isopropylbenzene	9.931	105	417893	5.082	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	62047	5.103	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	312695	4.780	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	321641	4.842	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	203719	5.057	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	207802	5.073	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	188946	5.022	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	12198	4.733	ug/L	98
69) 1,3,5-Trichlorobenzene	12.644	180	134205	4.713	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	100280	4.631	ug/L	100
71) Naphthalene	13.500	128	159153	4.436	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	93689	4.649	ug/L	99

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

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