

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072122\
 Data File : VW026875.D
 Acq On : 21 Jul 2022 15:24
 Operator : SY/MD
 Sample : N3809-03MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YBE68MSD

Quant Time: Jul 22 05:57:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 22 05:53:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	231942	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	234200	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	129007	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	61110	2.888	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	57.800%
7) Chloroethane-d5	1.564	69	62737	3.431	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	68.600%
11) 1,1-Dichloroethene-d2	2.108	63	135757	3.342	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.800%
20) 2-Butanone-d5	3.886	46	210861	63.849	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	127.700%
24) Chloroform-d	4.346	84	174079	4.705	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
26) 1,2-Dichloroethane-d4	5.030	65	77570	4.799	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
32) Benzene-d6	5.050	84	282439	3.969	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.400%
36) 1,2-Dichloropropane-d6	6.069	67	97801	4.584	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.600%
41) Toluene-d8	7.316	98	241232	3.819	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.400%
43) trans-1,3-Dichloroprop...	7.622	79	30543	4.375	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.600%
46) 2-Hexanone-d5	8.088	63	173966	57.557	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.120%
56) 1,1,2,2-Tetrachloroeth...	10.213	84	90345	5.435	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	100606	4.476	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	141875	4.812	ug/L	99
3) Chloromethane	1.240	50	124097	4.386	ug/L	98
5) Vinyl chloride	1.307	62	137622	4.777	ug/L	99
6) Bromomethane	1.519	94	76406	4.431	ug/L	94
8) Chloroethane	1.580	64	79832	4.703	ug/L	96
9) Trichlorofluoromethane	1.748	101	186241	5.087	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	106432	5.074	ug/L	99
12) 1,1-Dichloroethene	2.114	96	99482	4.892	ug/L	89
13) Acetone	2.172	43	128898	46.389	ug/L #	28
14) Carbon disulfide	2.288	76	289698	4.835	ug/L	98
15) Methyl Acetate	2.432	43	34209	6.087	ug/L	95
16) Methylene chloride	2.503	84	113319	4.678	ug/L	96
17) Methyl tert-butyl Ether	2.767	73	188477	5.379	ug/L	100
18) trans-1,2-Dichloroethene	2.757	96	103000	5.510	ug/L	95
19) 1,1-Dichloroethane	3.185	63	195830	5.737	ug/L	99
21) 2-Butanone	3.969	43	187866	57.975	ug/L	96
22) cis-1,2-Dichloroethene	3.908	96	109347	5.800	ug/L	99
23) Bromochloromethane	4.246	128	50416	5.805	ug/L	94
25) Chloroform	4.371	83	228918	6.403	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	106049	5.506	ug/L	98
29) 1,1,1-Trichloroethane	4.603	97	173446	5.496	ug/L	99
30) Cyclohexane	4.673	56	129556	4.817	ug/L	99
31) Carbon tetrachloride	4.825	117	157032	5.634	ug/L	98
33) Benzene	5.098	78	429872	5.490	ug/L	100
34) Trichloroethene	5.911	95	218388	11.348	ug/L	98
35) Methylcyclohexane	6.130	83	151328	5.152	ug/L	99
37) 1,2-Dichloropropane	6.172	63	109872	5.868	ug/L	99
38) Bromodichloromethane	6.509	83	137316	5.626	ug/L	97
39) cis-1,3-Dichloropropene	7.027	75	124534	5.352	ug/L	99
40) 4-Methyl-2-pentanone	7.226	43	481306	55.652	ug/L	99
42) Toluene	7.387	91	904582	11.439	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	107938	5.650	ug/L	98
45) 1,1,2-Trichloroethane	7.837	97	77516	5.664	ug/L	97
47) Tetrachloroethene	7.972	164	108850	7.212	ug/L	99
48) 2-Hexanone	8.140	43	359840	57.489	ug/L	99
49) Dibromochloromethane	8.246	129	88748	5.627	ug/L	96
50) 1,2-Dibromoethane	8.352	107	69321	5.724	ug/L	98
51) Chlorobenzene	8.882	112	284383	5.688	ug/L	97
52) Ethylbenzene	9.011	91	423051	5.406	ug/L	99
53) m,p-Xylene	9.140	106	173301	5.695	ug/L	96
54) o-Xylene	9.545	106	162096	5.605	ug/L	93
55) Styrene	9.561	104	263293	5.195	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	90230	5.569	ug/L	96
59) Bromoform	9.731	173	42336	5.115	ug/L	96
60) Isopropylbenzene	9.931	105	424276	5.273	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	62025	5.213	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	323599	5.055	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	332033	5.108	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	218710	5.548	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	223510	5.576	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	201488	5.473	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.429	75	11996	4.756	ug/L	91
69) 1,3,5-Trichlorobenzene	12.644	180	150961	5.417	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	112339	5.301	ug/L	99
71) Naphthalene	13.503	128	165275	4.707	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	103858	5.267	ug/L	99

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

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