

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041322\
 Data File : VW025528.D
 Acq On : 14 Apr 2022 06:02
 Operator : SY/MD
 Sample : N2357-11MS
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YAZ18MS

Quant Time: Apr 14 06:56:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 14 05:22:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	131335	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	130241	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	68266	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	50620	4.146	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.000%
7) Chloroethane-d5	1.574	69	47761	3.677	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.600%
11) 1,1-Dichloroethene-d2	2.118	63	116203	4.751	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.000%
20) 2-Butanone-d5	3.899	46	81050	54.569	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.140%
24) Chloroform-d	4.352	84	88952	4.821	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
26) 1,2-Dichloroethane-d4	5.037	65	39827	5.010	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.200%
32) Benzene-d6	5.053	84	165464	4.391	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
36) 1,2-Dichloropropane-d6	6.072	67	49334	4.694	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.800%
41) Toluene-d8	7.317	98	153171	4.380	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.600%
43) trans-1,3-Dichloroprop...	7.625	79	12664	3.585	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.800%
46) 2-Hexanone-d5	8.088	63	60576	48.861	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.720%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	32739	4.931	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	50072	4.375	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.134	85	68807	5.800	ug/L	97
3) Chloromethane	1.246	50	89370	6.933	ug/L	98
5) Vinyl chloride	1.317	62	91696	6.294	ug/L	99
6) Bromomethane	1.526	94	49622	4.724	ug/L	98
8) Chloroethane	1.590	64	63225	5.623	ug/L	100
9) Trichlorofluoromethane	1.757	101	130494	6.378	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.124	101	66557	5.790	ug/L	97
12) 1,1-Dichloroethene	2.124	96	67066	5.887	ug/L	82
13) Acetone	2.191	43	62099	61.599	ug/L	98
14) Carbon disulfide	2.301	76	156060	5.723	ug/L	100
15) Methyl Acetate	2.449	43	7361	3.285	ug/L #	83
16) Methylene chloride	2.513	84	56252	5.093	ug/L	98
17) Methyl tert-butyl Ether	2.773	73	105541	5.988	ug/L	99
18) trans-1,2-Dichloroethene	2.767	96	56370	5.905	ug/L	98
19) 1,1-Dichloroethane	3.195	63	102512	6.341	ug/L	98
21) 2-Butanone	3.982	43	91568	65.734	ug/L	97
22) cis-1,2-Dichloroethene	3.918	96	59348	5.906	ug/L	96
23) Bromochloromethane	4.256	128	24875	5.962	ug/L	92
25) Chloroform	4.381	83	108172	6.339	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.137	62	57251	6.358	ug/L	95
29) 1,1,1-Trichloroethane	4.613	97	95991	6.249	ug/L	99
30) Cyclohexane	4.683	56	80480	5.762	ug/L	98
31) Carbon tetrachloride	4.831	117	79344	6.107	ug/L	99
33) Benzene	5.101	78	236477	6.147	ug/L	100
34) Trichloroethene	5.915	95	63222	6.189	ug/L	98
35) Methylcyclohexane	6.133	83	87405	5.362	ug/L	98
37) 1,2-Dichloropropane	6.175	63	55848	6.275	ug/L	100
38) Bromodichloromethane	6.513	83	68317	6.183	ug/L	98
39) cis-1,3-Dichloropropene	7.031	75	49333	4.229	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	244948	68.733	ug/L	96
42) Toluene	7.387	91	258081	6.167	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	43226	4.770	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	36553	6.133	ug/L	96
47) Tetrachloroethene	7.976	164	44152	5.521	ug/L	95
48) 2-Hexanone	8.140	43	172623	69.506	ug/L	96
49) Dibromochloromethane	8.246	129	39540	6.043	ug/L	97
50) 1,2-Dibromoethane	8.352	107	32789	5.857	ug/L	99
51) Chlorobenzene	8.883	112	159185	5.957	ug/L	99
52) Ethylbenzene	9.011	91	261245	5.853	ug/L	100
53) m,p-Xylene	9.137	106	101684	5.992	ug/L	96
54) o-Xylene	9.542	106	99719	6.050	ug/L	94
55) Styrene	9.561	104	166607	6.216	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	38690	6.497	ug/L	99
59) Bromoform	9.731	173	17406	6.177	ug/L	93
60) Isopropylbenzene	9.931	105	263296	6.231	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	28913	6.431	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	111980	5.943	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	206626	6.086	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	118519	6.009	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	117517	5.869	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	105660	6.049	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	5167	6.647	ug/L	96
69) 1,3,5-Trichlorobenzene	12.644	180	79540	5.300	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	62524	5.405	ug/L	99
71) Naphthalene	13.500	128	97062	5.719	ug/L	98
72) 1,2,3-Trichlorobenzene	13.741	180	55010	5.743	ug/L	97

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

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