

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW070722\
 Data File : VW026684.D
 Acq On : 07 Jul 2022 20:11
 Operator : SY/MD
 Sample : N3601-08MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBUB4MS

Quant Time: Jul 08 03:03:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 08 02:58:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	184492	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	175666	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	89821	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	58597	3.949	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.000%
7) Chloroethane-d5	1.581	69	52496	4.404	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.000%
11) 1,1-Dichloroethene-d2	2.121	63	114370	4.338	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.800%
20) 2-Butanone-d5	3.918	46	77380	52.457	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.920%
24) Chloroform-d	4.362	84	117455	4.843	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
26) 1,2-Dichloroethane-d4	5.043	65	44777	4.793	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.800%
32) Benzene-d6	5.060	84	214487	4.251	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.000%
36) 1,2-Dichloropropane-d6	6.076	67	62732	4.521	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.400%
41) Toluene-d8	7.320	98	201394	4.438	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.800%
43) trans-1,3-Dichloroprop...	7.629	79	12966	3.615	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.400%
46) 2-Hexanone-d5	8.095	63	68324	50.015	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.020%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	46076	5.076	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	64948	4.369	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.147	85	59231	4.216	ug/L	100
3) Chloromethane	1.256	50	70994	4.621	ug/L	100
5) Vinyl chloride	1.323	62	75675	4.626	ug/L	91
6) Bromomethane	1.536	94	41427	4.678	ug/L	95
8) Chloroethane	1.597	64	75590	6.794	ug/L #	84
9) Trichlorofluoromethane	1.764	101	111138	4.872	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.127	101	66431	4.915	ug/L	98
12) 1,1-Dichloroethene	2.130	96	60666	4.869	ug/L	95
13) Acetone	2.211	43	53468	57.136	ug/L	99
14) Carbon disulfide	2.304	76	155890	4.742	ug/L	98
15) Methyl Acetate	2.458	43	11500	4.262	ug/L	92
16) Methylene chloride	2.523	84	63308	4.786	ug/L	95
17) Methyl tert-butyl Ether	2.786	73	101233	4.984	ug/L	100
18) trans-1,2-Dichloroethene	2.773	96	60643	4.770	ug/L	95
19) 1,1-Dichloroethane	3.204	63	114492	5.015	ug/L	98
21) 2-Butanone	4.005	43	71301	50.647	ug/L	93
22) cis-1,2-Dichloroethene	3.928	96	65258	5.169	ug/L	93
23) Bromochloromethane	4.265	128	28432	5.469	ug/L	92
25) Chloroform	4.388	83	123566	5.060	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.143	62	55544	5.110	ug/L	100
29) 1,1,1-Trichloroethane	4.619	97	108297	5.010	ug/L	99
30) Cyclohexane	4.690	56	68699	4.014	ug/L	99
31) Carbon tetrachloride	4.838	117	83187	4.588	ug/L	97
33) Benzene	5.108	78	250219	4.878	ug/L	100
34) Trichloroethene	5.921	95	65414	4.851	ug/L	96
35) Methylcyclohexane	6.137	83	82427	4.132	ug/L	99
37) 1,2-Dichloropropane	6.178	63	62481	5.054	ug/L	98
38) Bromodichloromethane	6.513	83	74141	5.080	ug/L	100
39) cis-1,3-Dichloropropene	7.034	75	50345	4.052	ug/L	99
40) 4-Methyl-2-pentanone	7.233	43	241883	57.926	ug/L	98
42) Toluene	7.391	91	269840	5.096	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	38126	4.125	ug/L	95
45) 1,1,2-Trichloroethane	7.841	97	44844	5.752	ug/L	97
47) Tetrachloroethene	7.976	164	52447	4.885	ug/L	98
48) 2-Hexanone	8.143	43	178482	61.403	ug/L	98
49) Dibromochloromethane	8.246	129	39492	5.003	ug/L	99
50) 1,2-Dibromoethane	8.355	107	38628	5.573	ug/L	94
51) Chlorobenzene	8.883	112	170688	4.921	ug/L	97
52) Ethylbenzene	9.014	91	252489	4.611	ug/L	99
53) m,p-Xylene	9.140	106	102303	4.789	ug/L	96
54) o-Xylene	9.545	106	95928	4.784	ug/L	99
55) Styrene	9.561	104	166815	5.023	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	50635	5.817	ug/L	98
59) Bromoform	9.735	173	14396	4.349	ug/L	100
60) Isopropylbenzene	9.931	105	258273	4.662	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	32857	5.649	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	190784	4.357	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	194629	4.508	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	133079	4.939	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	131398	4.911	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	118757	5.180	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.426	75	5638	5.405	ug/L	97
69) 1,3,5-Trichlorobenzene	12.644	180	90687	4.681	ug/L	100
70) 1,2,4-trichlorobenzene	13.259	180	63403	4.634	ug/L	98
71) Naphthalene	13.500	128	87233	4.888	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	56278	5.026	ug/L	100

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

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