

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111122\
 Data File : VW028922.D
 Acq On : 12 Nov 2022 10:46
 Operator : SY/MD
 Sample : N5590-02MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBMX4MS

Quant Time: Nov 14 00:27:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 12 03:43:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	321729	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	290504	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	151164	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	82967	4.230	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.600%
7) Chloroethane-d5	1.564	69	79713	4.623	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.400%
11) 1,1-Dichloroethene-d2	2.108	63	165268	4.624	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.400%
20) 2-Butanone-d5	3.895	46	206390	62.860	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.720%
24) Chloroform-d	4.342	84	197676	4.909	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.200%
26) 1,2-Dichloroethane-d4	5.030	65	86139	4.754	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
32) Benzene-d6	5.046	84	398381	4.594	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
36) 1,2-Dichloropropane-d6	6.066	67	116152	4.797	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.000%
41) Toluene-d8	7.310	98	363677	4.659	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.200%
43) trans-1,3-Dichloroprop...	7.619	79	33998	4.305	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.200%
46) 2-Hexanone-d5	8.085	63	198145	58.782	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.560%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	81741	4.869	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.400%
66) 1,2-Dichlorobenzene-d4	11.615	152	129499	4.788	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	126698	4.724	ug/L	98
3) Chloromethane	1.240	50	115105	5.171	ug/L	99
5) Vinyl chloride	1.310	62	141998	5.593	ug/L #	82
6) Bromomethane	1.519	94	74435	4.905	ug/L	97
8) Chloroethane	1.584	64	101931	6.832	ug/L	87
9) Trichlorofluoromethane	1.751	101	171010	4.995	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	92381	4.766	ug/L	97
12) 1,1-Dichloroethene	2.117	96	100718	5.171	ug/L	92
13) Acetone	2.188	43	398670	188.759	ug/L	86
14) Carbon disulfide	2.291	76	328834	4.754	ug/L	100
15) Methyl Acetate	2.439	43	17935	3.499	ug/L #	81
16) Methylene chloride	2.503	84	217682	8.644	ug/L	99
17) Methyl tert-butyl Ether	2.764	73	229300	5.491	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	119882	5.307	ug/L	97
19) 1,1-Dichloroethane	3.185	63	192407	5.210	ug/L	98
21) 2-Butanone	3.982	43	175239	53.591	ug/L	76
22) cis-1,2-Dichloroethene	3.905	96	340087	14.809	ug/L	99
23) Bromochloromethane	4.246	128	49838	5.131	ug/L	93
25) Chloroform	4.371	83	197309	5.097	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	105358	5.284	ug/L	98
29) 1,1,1-Trichloroethane	4.603	97	171707	5.037	ug/L	96
30) Cyclohexane	4.673	56	173608	5.011	ug/L	99
31) Carbon tetrachloride	4.825	117	137130	4.671	ug/L	100
33) Benzene	5.095	78	457111	5.149	ug/L	100
34) Trichloroethene	5.911	95	146911	6.464	ug/L	97
35) Methylcyclohexane	6.127	83	183379	4.591	ug/L	98
37) 1,2-Dichloropropane	6.169	63	105261	5.142	ug/L	100
38) Bromodichloromethane	6.506	83	126776	4.890	ug/L	97
39) cis-1,3-Dichloropropene	7.024	75	133021	4.654	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	512472	58.185	ug/L	98
42) Toluene	7.384	91	487117	5.079	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	104182	4.696	ug/L	99
45) 1,1,2-Trichloroethane	7.834	97	72696	5.425	ug/L	98
47) Tetrachloroethene	7.969	164	93637	5.146	ug/L	98
48) 2-Hexanone	8.136	43	351113	56.910	ug/L	99
49) Dibromochloromethane	8.239	129	79533	4.909	ug/L	99
50) 1,2-Dibromoethane	8.349	107	69416	5.576	ug/L	100
51) Chlorobenzene	8.876	112	309212	5.215	ug/L	99
52) Ethylbenzene	9.005	91	521059	5.219	ug/L	99
53) m,p-Xylene	9.133	106	202473	5.099	ug/L	99
54) o-Xylene	9.538	106	191807	5.081	ug/L	99
55) Styrene	9.554	104	326106	5.151	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.233	83	82857	5.305	ug/L	98
59) Bromoform	9.725	173	37701	4.575	ug/L	98
60) Isopropylbenzene	9.924	105	505268	5.150	ug/L	100
61) 1,2,3-Trichloropropane	10.265	75	55954	5.417	ug/L	99
62) 1,3,5-Trimethylbenzene	10.532	105	429055	5.162	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	431060	5.177	ug/L	98
64) 1,3-Dichlorobenzene	11.175	146	235148	5.101	ug/L	98
65) 1,4-Dichlorobenzene	11.265	146	234303	5.055	ug/L	99
67) 1,2-Dichlorobenzene	11.635	146	214354	5.175	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.419	75	11223	5.522	ug/L #	83
69) 1,3,5-Trichlorobenzene	12.635	180	174263	4.899	ug/L	99
70) 1,2,4-trichlorobenzene	13.252	180	140380	5.218	ug/L	97
71) Naphthalene	13.493	128	202510	5.834	ug/L	99
72) 1,2,3-Trichlorobenzene	13.734	180	124562	5.467	ug/L	98

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

