

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060822\
 Data File : VW026042.D
 Acq On : 08 Jun 2022 23:49
 Operator : SY/MD
 Sample : N3188-02MS
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0B00MS

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/09/2022
 Supervised By :Mahesh Dadoda 06/09/2022

Quant Time: Jun 09 05:26:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jun 09 05:13:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	204534	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	197626	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	101558	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	53066	4.420	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.400%
7) Chloroethane-d5	1.581	69	58139	4.632	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.600%
11) 1,1-Dichloroethene-d2	2.124	63	126001	4.543	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.800%
20) 2-Butanone-d5	3.915	46	90328	50.866	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.740%
24) Chloroform-d	4.362	84	133022	5.227	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.600%
26) 1,2-Dichloroethane-d4	5.043	65	50645	4.879	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
32) Benzene-d6	5.059	84	225254	4.717	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
36) 1,2-Dichloropropane-d6	6.076	67	69287	4.690	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.800%
41) Toluene-d8	7.317	98	202204	4.791	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.800%
43) trans-1,3-Dichloroprop...	7.628	79	19734	4.537	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.800%
46) 2-Hexanone-d5	8.092	63	87644	45.787	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.580%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	47123	4.731	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	68941	4.437	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.143	85	91115	4.526	ug/L	99
3) Chloromethane	1.253	50	122734	5.445	ug/L	99
5) Vinyl chloride	1.323	62	111506	4.737	ug/L	100
6) Bromomethane	1.536	94	61943	4.540	ug/L	100
8) Chloroethane	1.597	64	70377	4.861	ug/L	100
9) Trichlorofluoromethane	1.767	101	139577	4.652	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.130	101	72739	4.255	ug/L	99
12) 1,1-Dichloroethene	2.130	96	77536	4.712	ug/L	98
13) Acetone	2.204	43	67438	47.618	ug/L	72
14) Carbon disulfide	2.307	76	222992	4.750	ug/L	99
15) Methyl Acetate	2.458	43	23228m	5.018	ug/L	
16) Methylene chloride	2.519	84	75255	4.591	ug/L	99
17) Methyl tert-butyl Ether	2.786	73	127550	4.776	ug/L	98
18) trans-1,2-Dichloroethene	2.773	96	73582	4.743	ug/L	98
19) 1,1-Dichloroethane	3.204	63	137989	4.890	ug/L	98
21) 2-Butanone	3.998	43	100666	54.568	ug/L	90
22) cis-1,2-Dichloroethene	3.928	96	73468	4.804	ug/L	98
23) Bromochloromethane	4.262	128	30928	4.811	ug/L	98
25) Chloroform	4.384	83	391241	13.505	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.140	62	69502	4.852	ug/L	100
29) 1,1,1-Trichloroethane	4.619	97	120131	4.632	ug/L	100
30) Cyclohexane	4.686	56	97355	4.316	ug/L	99
31) Carbon tetrachloride	4.834	117	99251	4.660	ug/L	96
33) Benzene	5.108	78	312976	5.039	ug/L	100
34) Trichloroethene	5.921	95	74715	4.605	ug/L	99
35) Methylcyclohexane	6.137	83	99088	3.962	ug/L	98
37) 1,2-Dichloropropane	6.178	63	72703	4.830	ug/L	100
38) Bromodichloromethane	6.513	83	87564	4.816	ug/L	100
39) cis-1,3-Dichloropropene	7.030	75	81428	4.390	ug/L	97
40) 4-Methyl-2-pentanone	7.230	43	313712	51.022	ug/L	98
42) Toluene	7.391	91	334108	5.149	ug/L	98
44) trans-1,3-Dichloropropene	7.654	75	67587	4.651	ug/L	97
45) 1,1,2-Trichloroethane	7.841	97	46594	4.767	ug/L	97
47) Tetrachloroethene	7.976	164	61758	4.917	ug/L	96
48) 2-Hexanone	8.140	43	216788	49.671	ug/L	99
49) Dibromochloromethane	8.246	129	51014	4.781	ug/L	99
50) 1,2-Dibromoethane	8.355	107	42589	4.897	ug/L	99
51) Chlorobenzene	8.882	112	194792	4.612	ug/L	99
52) Ethylbenzene	9.011	91	312193	4.590	ug/L	99
53) m,p-Xylene	9.140	106	125062	4.757	ug/L	97
54) o-Xylene	9.545	106	117229	4.691	ug/L	97
55) Styrene	9.561	104	204499	4.885	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.243	83	47482	4.538	ug/L	95
59) Bromoform	9.731	173	22634	4.751	ug/L	99
60) Isopropylbenzene	9.931	105	300387	4.451	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	36573	4.614	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	226239	4.233	ug/L	97
63) 1,2,4-Trimethylbenzene	10.915	105	237502	4.462	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	142855	4.455	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	142208	4.356	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	124517	4.391	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	6295	4.469	ug/L	96
69) 1,3,5-Trichlorobenzene	12.644	180	92240	3.973	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	68019	3.930	ug/L	97
71) Naphthalene	13.500	128	104850	4.264	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	59575	4.066	ug/L	98

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

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