

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101421\
 Data File : VV022801.D
 Acq On : 14 Oct 2021 18:40
 Operator : SY/MD
 Sample : M4214-08MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 JDGG4MS

Quant Time: Oct 15 02:01:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 15 01:58:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	120488	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	123108	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	68308	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	28814	3.48	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.60%
7) Chloroethane-d5	1.564	69	31501	4.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.60%
11) 1,1-Dichloroethene-d2	2.108	63	56706	3.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.80%
20) 2-Butanone-d5	3.912	46	90137	41.47	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.94%
24) Chloroform-d	4.352	84	82914	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
26) 1,2-Dichloroethane-d4	5.037	65	38181	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
32) Benzene-d6	5.053	84	150160	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.00%
36) 1,2-Dichloropropane-d6	6.072	67	47778	4.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.00%
41) Toluene-d8	7.316	98	139215	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
43) trans-1,3-Dichloroprop...	7.625	79	15681	4.36	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.20%
46) 2-Hexanone-d5	8.091	63	90163	62.14	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	124.28%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	41840	5.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.80%
66) 1,2-Dichlorobenzene-d4	11.625	152	58773	4.64	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.80%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	44440	5.06	ug/L	99
3) Chloromethane	1.240	50	49428	5.60	ug/L	96
5) Vinyl chloride	1.307	62	49274	5.40	ug/L	99
6) Bromomethane	1.519	94	31452	5.53	ug/L	96
8) Chloroethane	1.584	64	29063	5.15	ug/L	97
9) Trichlorofluoromethane	1.751	101	61268	4.59	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	36729	4.73	ug/L	97
12) 1,1-Dichloroethene	2.117	96	34925	4.80	ug/L	79
13) Acetone	2.445	43	12741	10.51	ug/L	98
14) Carbon disulfide	2.291	76	114814	5.61	ug/L	100
15) Methyl Acetate	2.445	43	14709	4.24	ug/L	97
16) Methylene chloride	2.506	84	44618	4.45	ug/L	92
17) Methyl tert-butyl Ether	2.770	73	84318	4.79	ug/L	96
18) trans-1,2-Dichloroethene	2.760	96	42111	5.32	ug/L	96
19) 1,1-Dichloroethane	3.191	63	77297	5.42	ug/L	97
21) 2-Butanone	3.995	43	80219	40.42	ug/L	98
22) cis-1,2-Dichloroethene	3.915	96	43874	5.28	ug/L	88
23) Bromochloromethane	4.256	128	20849	5.65	ug/L	97
25) Chloroform	4.378	83	78805	4.77	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	43072	5.22	ug/L	97
29) 1,1,1-Trichloroethane	4.609	97	69734	4.96	ug/L	100
30) Cyclohexane	4.680	56	58736	4.53	ug/L	99
31) Carbon tetrachloride	4.828	117	62142	5.09	ug/L	99
33) Benzene	5.101	78	170346	5.14	ug/L	100
34) Trichloroethene	5.915	95	42447	4.71	ug/L	99
35) Methylcyclohexane	6.133	83	61262	4.85	ug/L	97
37) 1,2-Dichloropropane	6.175	63	40811	5.12	ug/L	99
38) Bromodichloromethane	6.513	83	52253	5.32	ug/L	99
39) cis-1,3-Dichloropropene	7.030	75	54434	5.16	ug/L	100
40) 4-Methyl-2-pentanone	7.230	43	232964	54.37	ug/L	95
42) Toluene	7.390	91	185266	5.50	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	46008	5.35	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	31041	5.25	ug/L	96
47) Tetrachloroethene	7.976	164	38055	5.22	ug/L	97
48) 2-Hexanone	8.143	43	171808	54.84	ug/L	98
49) Dibromochloromethane	8.249	129	38722	5.59	ug/L	95
50) 1,2-Dibromoethane	8.355	107	28929	5.24	ug/L	97
51) Chlorobenzene	8.882	112	117760	5.32	ug/L	99
52) Ethylbenzene	9.014	91	182198	5.33	ug/L	99
53) m,p-xylene	9.140	106	71501	5.33	ug/L	99
54) o-xylene	9.545	106	70261	5.57	ug/L	92
55) Styrene	9.561	104	124448	5.72	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.242	83	36933	6.17	ug/L	100
59) Bromoform	9.734	173	21365	5.58	ug/L	97
60) Isopropylbenzene	9.934	105	186651	5.38	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	25064	5.28	ug/L	98
62) 1,3,5-Trimethylbenzene	10.541	105	147058	5.25	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	150852	5.38	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	97530	5.36	ug/L	98
65) 1,4-Dichlorobenzene	11.275	146	96994	5.25	ug/L	100
67) 1,2-Dichlorobenzene	11.644	146	91319	5.35	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	5172	5.99	ug/L	89
69) 1,3,5-Trichlorobenzene	12.644	180	72746	5.30	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	57726	5.51	ug/L	100
71) Naphthalene	13.503	128	94544	5.68	ug/L	98
72) 1,2,3-Trichlorobenzene	13.744	180	54962	5.56	ug/L	99

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

