

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102221\
 Data File : VW022971.D
 Acq On : 21 Oct 2021 22:01
 Operator : SY/MD
 Sample : M4265-10MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GB7J3MS

Quant Time: Oct 22 04:58:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 22 04:55:17 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/25/2021
 Supervised By : Mahesh Dadoda 10/25/2021

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	132693	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	134656	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	70262	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	43259	4.738	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.800%
7) Chloroethane-d5	1.568	69	34890	4.253	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.000%
11) 1,1-Dichloroethene-d2	2.108	63	67771	3.784	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.600%
20) 2-Butanone-d5	3.905	46	81051	33.859	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	67.720%
24) Chloroform-d	4.349	84	104781	5.569	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.400%
26) 1,2-Dichloroethane-d4	5.034	65	45399	4.972	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.400%
32) Benzene-d6	5.050	84	200421	5.000	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
36) 1,2-Dichloropropane-d6	6.072	67	61499	5.180	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.600%
41) Toluene-d8	7.317	98	188573	5.442	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.800%
43) trans-1,3-Dichloroprop...	7.625	79	19247	4.887	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.800%
46) 2-Hexanone-d5	8.095	63	90289	56.892	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.780%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	44742	5.563	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	68700	5.274	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	43607	4.509	ug/L	98
3) Chloromethane	1.240	50	48269	4.966	ug/L	99
5) Vinyl chloride	1.310	62	51367	5.115	ug/L	98
6) Bromomethane	1.523	94	19525	3.119	ug/L	99
8) Chloroethane	1.584	64	25318	4.075	ug/L	98
9) Trichlorofluoromethane	1.754	101	64279	4.370	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	33034	3.860	ug/L	95
12) 1,1-Dichloroethene	2.117	96	30032	3.747	ug/L	93
13) Acetone	2.185	43	54067m	40.505	ug/L	
14) Carbon disulfide	2.291	76	83809	3.720	ug/L	100
15) Methyl Acetate	2.436	43	10933	2.863	ug/L	94
16) Methylene chloride	2.503	84	45121	4.090	ug/L	89
17) Methyl tert-butyl Ether	2.770	73	85774	4.422	ug/L	96
18) trans-1,2-Dichloroethene	2.757	96	45464	5.216	ug/L	97
19) 1,1-Dichloroethane	3.188	63	85705	5.459	ug/L	97
21) 2-Butanone	3.992	43	72497	33.171	ug/L	99
22) cis-1,2-Dichloroethene	3.912	96	47009	5.136	ug/L	100
23) Bromochloromethane	4.249	128	21386	5.259	ug/L	96
25) Chloroform	4.375	83	87771	4.823	ug/L	100

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27) 1,2-Dichloroethane	5.133	62	44665	4.917	ug/L	100
29) 1,1,1-Trichloroethane	4.606	97	75618	4.918	ug/L	100
30) Cyclohexane	4.674	56	62514	4.406	ug/L	99
31) Carbon tetrachloride	4.828	117	67050	5.024	ug/L	98
33) Benzene	5.101	78	184849	5.097	ug/L	100
34) Trichloroethene	5.915	95	45474	4.611	ug/L	96
35) Methylcyclohexane	6.130	83	65250	4.722	ug/L	99
37) 1,2-Dichloropropane	6.175	63	42951	4.924	ug/L	98
38) Bromodichloromethane	6.513	83	57122	5.315	ug/L	100
39) cis-1,3-Dichloropropene	7.030	75	57789	5.005	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	233061	49.729	ug/L	97
42) Toluene	7.387	91	205859	5.591	ug/L	98
44) trans-1,3-Dichloropropene	7.654	75	49720	5.282	ug/L	95
45) 1,1,2-Trichloroethane	7.844	97	33199	5.129	ug/L	98
47) Tetrachloroethene	7.976	164	39901	5.003	ug/L	98
48) 2-Hexanone	8.143	43	174207	50.838	ug/L	97
49) Dibromochloromethane	8.246	129	39857	5.260	ug/L	90
50) 1,2-Dibromoethane	8.355	107	30099	4.980	ug/L	100
51) Chlorobenzene	8.882	112	124501	5.147	ug/L	97
52) Ethylbenzene	9.014	91	193502	5.177	ug/L	99
53) m,p-xylene	9.140	106	77917	5.312	ug/L	98
54) o-xylene	9.545	106	73484	5.325	ug/L	94
55) Styrene	9.561	104	126930	5.338	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.242	83	37494	5.726	ug/L	97
59) Bromoform	9.734	173	21261	5.402	ug/L	98
60) Isopropylbenzene	9.934	105	197119	5.523	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	26656	5.460	ug/L	98
62) 1,3,5-Trimethylbenzene	10.541	105	149417	5.182	ug/L	98
63) 1,2,4-Trimethylbenzene	10.914	105	157223	5.448	ug/L	98
64) 1,3-Dichlorobenzene	11.181	146	101938	5.442	ug/L	97
65) 1,4-Dichlorobenzene	11.275	146	99408	5.227	ug/L	97
67) 1,2-Dichlorobenzene	11.644	146	93867	5.342	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	5327	5.995	ug/L	86
69) 1,3,5-Trichlorobenzene	12.644	180	77802	5.514	ug/L	97
70) 1,2,4-trichlorobenzene	13.262	180	57326	5.318	ug/L	98
71) Naphthalene	13.503	128	86402	5.043	ug/L	98
72) 1,2,3-Trichlorobenzene	13.744	180	53600	5.274	ug/L	100

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

