

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121921\
 Data File : VW024085.D
 Acq On : 19 Dec 2021 13:51
 Operator : SY/MD
 Sample : M5134-13
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBBL2

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/20/2021
 Supervised By : Mahesh Dadoda 12/22/2021

Quant Time: Dec 20 01:36:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Dec 20 01:35:07 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	88397	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	94497	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	55403	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	18770	3.950	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	79.000%	
7) Chloroethane-d5	1.565	69	17266	4.355	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	87.000%	
11) 1,1-Dichloroethene-d2	2.108	63	49090	5.292	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	105.800%	
20) 2-Butanone-d5	3.899	46	30680m	33.045	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	66.100%	
24) Chloroform-d	4.343	84	50701	4.710	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.200%	
26) 1,2-Dichloroethane-d4	5.031	65	24163	4.821	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.400%	
32) Benzene-d6	5.047	84	88157	4.710	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.200%	
36) 1,2-Dichloropropane-d6	6.066	67	26556	4.703	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	94.000%	
41) Toluene-d8	7.314	98	78818	4.678	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.600%	
43) trans-1,3-Dichloroprop...	7.625	79	10168	4.340	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	86.800%	
46) 2-Hexanone-d5	8.092	63	37045	35.325	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	70.660%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	19736	4.213	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	84.200%	
66) 1,2-Dichlorobenzene-d4	11.625	152	34853	4.710	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	94.200%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	20406	2.652	ug/L	97
3) Chloromethane	1.237	50	46800	7.119	ug/L	97
5) Vinyl chloride	1.307	62	36218	5.080	ug/L	99
6) Bromomethane	1.520	94	20521	4.529	ug/L	99
8) Chloroethane	1.581	64	20704	4.463	ug/L	97
9) Trichlorofluoromethane	1.751	101	113484	9.160	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	28361	4.346	ug/L	98
12) 1,1-Dichloroethene	2.114	96	34198	5.766	ug/L	92
16) Methylene chloride	2.503	84	22852	2.945	ug/L	96
17) Methyl tert-butyl Ether	2.767	73	63168	4.710	ug/L	98
18) trans-1,2-Dichloroethene	2.754	96	42205	6.429	ug/L	96
22) cis-1,2-Dichloroethene	3.909	96	40708	5.858	ug/L	95
23) Bromochloromethane	4.246	128	6272	1.986	ug/L	92
25) Chloroform	4.372	83	55487	4.236	ug/L	98
27) 1,2-Dichloroethane	5.130	62	33627	4.738	ug/L	99
29) 1,1,1-Trichloroethane	4.603	97	57960	4.688	ug/L	100
31) Carbon tetrachloride	4.825	117	53474	4.601	ug/L	100
34) Trichloroethene	5.912	95	55706	7.388	ug/L	98
37) 1,2-Dichloropropane	6.169	63	27163	4.275	ug/L	99

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38) Bromodichloromethane	6.510	83	16048	1.783	ug/L	92
39) cis-1,3-Dichloropropene	7.027	75	13153	1.394	ug/L	96
42) Toluene	7.387	91	78541	2.611	ug/L	98
45) 1,1,2-Trichloroethane	7.838	97	33289	7.082	ug/L	98
47) Tetrachloroethene	7.973	164	30769	4.635	ug/L	97
49) Dibromochloromethane	8.243	129	31346	4.901	ug/L	96
52) Ethylbenzene	9.011	91	293556	9.248	ug/L	99
54) o-xylene	9.542	106	31710	2.612	ug/L	98
55) Styrene	9.561	104	45807	2.267	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	19229	3.736	ug/L	99
60) Isopropylbenzene	9.931	105	209945	6.454	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	106533	3.963	ug/L	98
64) 1,3-Dichlorobenzene	11.182	146	30783	1.850	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	27581	1.810	ug/L	96

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

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