

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW122721\
 Data File : VW024182.D
 Acq On : 27 Dec 2021 16:16
 Operator : SY/MD
 Sample : M5233-12MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBCC9MS

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 12/29/2021
 Supervised By :Semsettin Yesilyurt 01/02/2022

Quant Time: Dec 28 05:50:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR122721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 28 05:23:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	152145	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	154963	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	94528	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	32481	2.838	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	56.800%
7) Chloroethane-d5	1.564	69	38950	4.081	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.600%
11) 1,1-Dichloroethene-d2	2.111	63	81005	2.912	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.200%#
20) 2-Butanone-d5	3.918	46	42884	33.736	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	67.480%
24) Chloroform-d	4.349	84	83038	3.418	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	68.400%#
26) 1,2-Dichloroethane-d4	5.037	65	33444	3.075	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	61.600%#
32) Benzene-d6	5.053	84	135200	3.231	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	64.600%#
36) 1,2-Dichloropropane-d6	6.069	67	35796	3.123	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	62.400%
41) Toluene-d8	7.317	98	137011	3.322	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.400%#
43) trans-1,3-Dichloroprop...	7.622	79	16037	3.304	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	66.000%
46) 2-Hexanone-d5	8.088	63	58007	35.543	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.080%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	26612	3.400	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	68.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	55409	3.372	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	67.400%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	139034	3.953	ug/L	99
3) Chloromethane	1.236	50	90657	3.411	ug/L	97
5) Vinyl chloride	1.307	62	106444	3.914	ug/L	99
6) Bromomethane	1.519	94	53495	3.083	ug/L	98
8) Chloroethane	1.580	64	6816775	431.095	ug/L	91
9) Trichlorofluoromethane	1.751	101	157755	3.568	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	76680	3.614	ug/L	99
12) 1,1-Dichloroethene	2.117	96	72250	3.458	ug/L	88
13) Acetone	2.207	43	88404	49.002	ug/L	76
14) Carbon disulfide	2.291	76	261013	3.867	ug/L	99
15) Methyl Acetate	2.433	43	39356	8.786	ug/L #	74
16) Methylene chloride	2.506	84	84382	3.779	ug/L	95
17) Methyl tert-butyl Ether	2.770	73	198738	4.705	ug/L #	52
18) trans-1,2-Dichloroethene	2.757	96	88816	4.003	ug/L	96
19) 1,1-Dichloroethane	3.188	63	212633	5.757	ug/L	99
21) 2-Butanone	3.992	43	103760	43.713	ug/L	97
22) cis-1,2-Dichloroethene	3.912	96	93636	4.265	ug/L	96
23) Bromochloromethane	4.246	128	35840	3.416	ug/L	90
25) Chloroform	4.381	83	268577	6.508	ug/L	85

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.117	62	80686m	3.493	ug/L	
29) 1,1,1-Trichloroethane	4.606	97	148273	3.794	ug/L	99
30) Cyclohexane	4.677	56	307490	10.578	ug/L	97
31) Carbon tetrachloride	4.825	117	137209	3.786	ug/L	99
33) Benzene	5.101	78	11219285	138.000	ug/L	100
34) Trichloroethene	5.911	95	94358	4.113	ug/L	97
35) Methylcyclohexane	6.130	83	266833	8.032	ug/L	98
37) 1,2-Dichloropropane	6.172	63	68413	3.650	ug/L #	89
38) Bromodichloromethane	6.510	83	104998	3.909	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	114495	4.214	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	330169	36.852	ug/L	97
42) Toluene	7.387	91	3395181	37.425	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	92724	3.996	ug/L	100
45) 1,1,2-Trichloroethane	7.837	97	47657	3.429	ug/L	97
47) Tetrachloroethene	7.976	164	81167	3.977	ug/L	99
48) 2-Hexanone	8.140	43	228223	34.805	ug/L #	85
49) Dibromochloromethane	8.246	129	69100	3.697	ug/L	99
50) 1,2-Dibromoethane	8.352	107	47672	3.610	ug/L	95
51) Chlorobenzene	8.879	112	493810	8.215	ug/L	99
52) Ethylbenzene	9.014	91	6360720	65.946	ug/L	98
53) m,p-xylene	9.140	106	2998226	78.362	ug/L	99
54) o-xylene	9.545	106	1613220	44.033	ug/L	99
55) Styrene	9.558	104	343439	5.564	ug/L #	61
57) 1,1,2,2-Tetrachloroethane	10.242	83	52978	3.934	ug/L #	98
59) Bromoform	9.731	173	39075	3.836	ug/L	97
60) Isopropylbenzene	9.931	105	939258	9.399	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	38636	3.455	ug/L #	72
62) 1,3,5-Trimethylbenzene	10.538	105	530537	6.296	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	1681703	19.581	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	239880	4.633	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	260902	5.084	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	540132	11.524	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	12560	5.207	ug/L	90
69) 1,3,5-Trichlorobenzene	12.644	180	182874	4.435	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	147536	4.647	ug/L #	95
71) Naphthalene	13.500	128	1391958	29.526	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	125774	4.504	ug/L #	95

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

