

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111621\
 Data File : VW023529.D
 Acq On : 16 Nov 2021 13:12
 Operator : SY/MD
 Sample : M4643-03MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GB8J9MS

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/17/2021
 Supervised By : Mahesh Dadoda 11/18/2021

Quant Time: Nov 17 00:51:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 17 00:48:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	123674	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	122669	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	67661	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	34583	4.464	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.200%
7) Chloroethane-d5	1.568	69	28434	4.503	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.000%
11) 1,1-Dichloroethene-d2	2.111	63	69046	4.760	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.200%
20) 2-Butanone-d5	3.908	46	54248	40.642	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.280%
24) Chloroform-d	4.349	84	74702	4.524	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
26) 1,2-Dichloroethane-d4	5.034	65	36245	4.882	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
32) Benzene-d6	5.053	84	148545	4.720	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
36) 1,2-Dichloropropane-d6	6.069	67	42946	4.635	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.800%
41) Toluene-d8	7.317	98	144027	4.883	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
43) trans-1,3-Dichloroprop...	7.625	79	18031	5.132	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.600%
46) 2-Hexanone-d5	8.091	63	63059	48.784	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.560%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	31999	4.803	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	53133	4.716	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.400%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	52572	4.359	ug/L	100
3) Chloromethane	1.240	50	47077	4.591	ug/L	99
5) Vinyl chloride	1.310	62	48333	4.720	ug/L	100
6) Bromomethane	1.523	94	27371	4.182	ug/L	96
8) Chloroethane	1.584	64	29381	4.972	ug/L	97
9) Trichlorofluoromethane	1.754	101	75723	4.921	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	39837	5.143	ug/L	98
12) 1,1-Dichloroethene	2.121	96	35529	4.817	ug/L	89
13) Acetone	2.195	43	42449m	52.047	ug/L	
14) Carbon disulfide	2.294	76	118776	4.268	ug/L	100
15) Methyl Acetate	2.442	43	11019	4.774	ug/L	91
16) Methylene chloride	2.510	84	41488	3.855	ug/L	95
17) Methyl tert-butyl Ether	2.770	73	79914	4.922	ug/L	96
18) trans-1,2-Dichloroethene	2.761	96	41771	4.607	ug/L	93
19) 1,1-Dichloroethane	3.191	63	72457	4.734	ug/L	98
21) 2-Butanone	3.989	43	49302	37.389	ug/L	100
22) cis-1,2-Dichloroethene	3.915	96	42016	4.816	ug/L #	91
23) Bromochloromethane	4.249	128	19438	4.831	ug/L #	79
25) Chloroform	4.378	83	81584	5.000	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	42686	4.918	ug/L	99
29) 1,1,1-Trichloroethane	4.613	97	71957	4.830	ug/L	99
30) Cyclohexane	4.680	56	59979	4.493	ug/L	98
31) Carbon tetrachloride	4.831	117	65435	4.890	ug/L	97
33) Benzene	5.101	78	165209	4.819	ug/L	100
34) Trichloroethene	5.915	95	43556	4.777	ug/L	96
35) Methylcyclohexane	6.133	83	65565	4.556	ug/L	95
37) 1,2-Dichloropropane	6.175	63	38700	4.835	ug/L	97
38) Bromodichloromethane	6.510	83	52662	4.909	ug/L	98
39) cis-1,3-Dichloropropene	7.030	75	56143	4.877	ug/L	100
40) 4-Methyl-2-pentanone	7.230	43	204631	55.122	ug/L	99
42) Toluene	7.387	91	185799	5.067	ug/L	97
44) trans-1,3-Dichloropropene	7.654	75	46831	4.902	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	28373	4.933	ug/L	97
47) Tetrachloroethene	7.976	164	78220	9.899	ug/L	98
48) 2-Hexanone	8.143	43	145116	55.787	ug/L	97
49) Dibromochloromethane	8.246	129	36694	5.035	ug/L	97
50) 1,2-Dibromoethane	8.352	107	26784	5.025	ug/L	99
51) Chlorobenzene	8.882	112	119079	4.885	ug/L	99
52) Ethylbenzene	9.014	91	185995	4.809	ug/L	100
53) m,p-xylene	9.140	106	75264	4.958	ug/L	98
54) o-xylene	9.545	106	71397	5.014	ug/L	100
55) Styrene	9.561	104	123863	5.077	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.243	83	30294	4.808	ug/L	96
59) Bromoform	9.731	173	19466	4.817	ug/L #	96
60) Isopropylbenzene	9.931	105	190904	4.917	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	21571	4.799	ug/L	95
62) 1,3,5-Trimethylbenzene	10.538	105	156006	4.846	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	157731	4.922	ug/L	98
64) 1,3-Dichlorobenzene	11.181	146	96561	4.867	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	96766	4.776	ug/L	98
67) 1,2-Dichlorobenzene	11.644	146	89422	5.037	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	4750	4.960	ug/L	99
69) 1,3,5-Trichlorobenzene	12.644	180	72316	4.656	ug/L	97
70) 1,2,4-trichlorobenzene	13.262	180	54818	4.407	ug/L	99
71) Naphthalene	13.503	128	74204	4.046	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	50025	4.596	ug/L	99

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

