

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121021\
 Data File : VW023925.D
 Acq On : 11 Dec 2021 07:00
 Operator : SY/MD
 Sample : M5005-06MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW210MSD

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/13/2021
 Supervised By :Semsettin Yesilyurt 12/13/2021

Quant Time: Dec 11 23:58:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Dec 11 04:33:17 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	113940	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	114668	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	78479	5.000	ug/L	# 0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	23348	3.812	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.200%
7) Chloroethane-d5	1.568	69	21800	4.266	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.400%
11) 1,1-Dichloroethene-d2	2.114	63	51873	4.338	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.800%
20) 2-Butanone-d5	3.899	46	75720	63.274	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	126.540%
24) Chloroform-d	4.349	84	62276	4.489	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
26) 1,2-Dichloroethane-d4	5.034	65	29924	4.632	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.600%
32) Benzene-d6	5.053	84	101519	4.470	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.400%
36) 1,2-Dichloropropane-d6	6.072	67	31779	4.638	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.800%
41) Toluene-d8	7.317	98	90283	4.415	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
43) trans-1,3-Dichloroprop...	7.625	79	12743	4.483	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.600%
46) 2-Hexanone-d5	8.088	63	64783	50.909	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.820%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	26716	4.700	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.000%
66) 1,2-Dichlorobenzene-d4	11.628	152	45681	4.358	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	47425	4.782	ug/L	100
3) Chloromethane	1.243	50	39107	4.615	ug/L	95
5) Vinyl chloride	1.310	62	42312	4.604	ug/L	99
6) Bromomethane	1.523	94	25363	4.343	ug/L	99
8) Chloroethane	1.587	64	27249	4.557	ug/L	94
9) Trichlorofluoromethane	1.754	101	79592	4.984	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	40428	4.806	ug/L	99
12) 1,1-Dichloroethene	2.121	96	37770	4.941	ug/L	92
13) Acetone	2.188	43	84990	88.771	ug/L	75
14) Carbon disulfide	2.298	76	97833	4.412	ug/L	100
15) Methyl Acetate	2.442	43	11624m	5.009	ug/L	
16) Methylene chloride	2.507	84	40421	4.042	ug/L	98
17) Methyl tert-butyl Ether	2.767	73	89444	5.174	ug/L	99
18) trans-1,2-Dichloroethene	2.764	96	41168	4.865	ug/L	97
19) 1,1-Dichloroethane	3.191	63	77734	5.118	ug/L	98
21) 2-Butanone	3.982	43	71264	52.095	ug/L	82
22) cis-1,2-Dichloroethene	3.915	96	59163	6.605	ug/L	95
23) Bromochloromethane	4.252	128	19572	4.808	ug/L	94
25) Chloroform	4.378	83	81617	4.834	ug/L	100

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27) 1,2-Dichloroethane	5.133	62	45380	4.961	ug/L	97
29) 1,1,1-Trichloroethane	4.613	97	77622	5.174	ug/L	99
30) Cyclohexane	4.680	56	58375	4.906	ug/L	99
31) Carbon tetrachloride	4.831	117	70161	4.975	ug/L	100
33) Benzene	5.101	78	166131	5.121	ug/L	100
34) Trichloroethene	5.915	95	75827	8.287	ug/L	98
35) Methylcyclohexane	6.130	83	67738	5.030	ug/L	97
37) 1,2-Dichloropropane	6.175	63	39692	5.148	ug/L	100
38) Bromodichloromethane	6.510	83	53528	4.901	ug/L	94
39) cis-1,3-Dichloropropene	7.027	75	54466	4.759	ug/L	97
40) 4-Methyl-2-pentanone	7.227	43	202692	54.727	ug/L	98
42) Toluene	7.387	91	188222	5.156	ug/L	97
44) trans-1,3-Dichloropropene	7.651	75	47441	4.795	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	27480	4.818	ug/L	97
47) Tetrachloroethene	7.976	164	63086	7.832	ug/L	95
48) 2-Hexanone	8.140	43	139664	52.007	ug/L	97
49) Dibromochloromethane	8.246	129	37698	4.858	ug/L	100
50) 1,2-Dibromoethane	8.352	107	26919	5.083	ug/L #	94
51) Chlorobenzene	8.879	112	450148	18.448	ug/L	99
52) Ethylbenzene	9.011	91	205126	5.325	ug/L	99
53) m,p-xylene	9.140	106	81595	5.356	ug/L	100
54) o-xylene	9.545	106	77441	5.257	ug/L	99
55) Styrene	9.561	104	133382	5.439	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	31239	5.001	ug/L	99
59) Bromoform	9.731	173	21788	4.326	ug/L	95
60) Isopropylbenzene	9.931	105	214232	4.649	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	23291m	4.356	ug/L	
62) 1,3,5-Trimethylbenzene	10.538	105	182807	4.783	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	184450	4.844	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	1656573	70.296	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	5777157	244.085	ug/L	97
67) 1,2-Dichlorobenzene	11.648	146	6698873	310.277	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.429	75	6570	5.627	ug/L	96
69) 1,3,5-Trichlorobenzene	12.644	180	94883	4.895	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	649463	42.663	ug/L	98
71) Naphthalene	13.503	128	105560	4.825	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	352228	26.208	ug/L	99

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

