

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121021\
 Data File : VW023924.D
 Acq On : 11 Dec 2021 06:36
 Operator : SY/MD
 Sample : M5005-05MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW210MS

Quant Time: Dec 11 23:58:32 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

Manual Integrations APPROVED

Reviewed By :Mahesh
 Dadoda

12/13/2021
 Supervised By :Semsettin
 Yesilyurt

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	110081	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	114144	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	76323	5.000	ug/L	# 0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.307	65	23366	3.948	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.000%
7) Chloroethane-d5	1.568	69	21674	4.390	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.800%
11) 1,1-Dichloroethene-d2	2.111	63	48548	4.203	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.000%
20) 2-Butanone-d5	3.896	46	73180	63.295	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	126.600%
24) Chloroform-d	4.352	84	61161	4.563	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
26) 1,2-Dichloroethane-d4	5.034	65	28815	4.617	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
32) Benzene-d6	5.053	84	102055	4.514	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
36) 1,2-Dichloropropane-d6	6.069	67	30830	4.520	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.400%
41) Toluene-d8	7.317	98	88151	4.331	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.600%
43) trans-1,3-Dichloroprop...	7.625	79	12815	4.529	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.600%
46) 2-Hexanone-d5	8.088	63	62028	48.967	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.940%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	26275	4.644	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.800%
66) 1,2-Dichlorobenzene-d4	11.628	152	45706	4.483	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.600%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.130	85	46398	4.843	ug/L	99
3) Chloromethane	1.243	50	38661	4.723	ug/L	96
5) Vinyl chloride	1.310	62	43637	4.915	ug/L	99
6) Bromomethane	1.523	94	25482	4.516	ug/L	98
8) Chloroethane	1.587	64	27949	4.838	ug/L	100
9) Trichlorofluoromethane	1.754	101	79158	5.131	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	37538	4.619	ug/L	98
12) 1,1-Dichloroethene	2.121	96	36667	4.965	ug/L	85
13) Acetone	2.188	43	83926	90.733	ug/L	73
14) Carbon disulfide	2.298	76	98611	4.603	ug/L	98
15) Methyl Acetate	2.439	43	13267m	5.917	ug/L	
16) Methylene chloride	2.510	84	41255	4.270	ug/L	98
17) Methyl tert-butyl Ether	2.770	73	86274	5.166	ug/L	99
18) trans-1,2-Dichloroethene	2.764	96	40996	5.014	ug/L	98
19) 1,1-Dichloroethane	3.191	63	76120	5.188	ug/L	99
21) 2-Butanone	3.979	43	72029	54.501	ug/L	83
22) cis-1,2-Dichloroethene	3.915	96	58037	6.706	ug/L	98
23) Bromochloromethane	4.249	128	20913	5.318	ug/L	# 86
25) Chloroform	4.375	83	80578	4.940	ug/L	97

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27) 1,2-Dichloroethane	5.133	62	47260	5.348	ug/L	98
29) 1,1,1-Trichloroethane	4.609	97	77061	5.160	ug/L	100
30) Cyclohexane	4.680	56	57080	4.819	ug/L	98
31) Carbon tetrachloride	4.831	117	69972	4.985	ug/L	99
33) Benzene	5.101	78	165126	5.114	ug/L	100
34) Trichloroethene	5.915	95	78002	8.564	ug/L	97
35) Methylcyclohexane	6.130	83	65267	4.869	ug/L	96
37) 1,2-Dichloropropane	6.175	63	38733	5.047	ug/L	99
38) Bromodichloromethane	6.510	83	54797	5.040	ug/L	97
39) cis-1,3-Dichloropropene	7.027	75	54932	4.821	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	198272	53.780	ug/L	98
42) Toluene	7.387	91	184389	5.074	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	47461	4.819	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	28085	4.946	ug/L	95
47) Tetrachloroethene	7.976	164	66935	8.348	ug/L	99
48) 2-Hexanone	8.140	43	137475	51.426	ug/L	98
49) Dibromochloromethane	8.246	129	37920	4.909	ug/L	100
50) 1,2-Dibromoethane	8.352	107	25989	4.930	ug/L	94
51) Chlorobenzene	8.879	112	468098	19.272	ug/L	100
52) Ethylbenzene	9.011	91	201388	5.252	ug/L	98
53) m,p-xylene	9.137	106	79697	5.256	ug/L	99
54) o-xylene	9.542	106	77664	5.296	ug/L	99
55) Styrene	9.561	104	131998	5.407	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	30463	4.900	ug/L	98
59) Bromoform	9.731	173	21571	4.404	ug/L	100
60) Isopropylbenzene	9.931	105	207344	4.627	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	23104m	4.444	ug/L	
62) 1,3,5-Trimethylbenzene	10.538	105	179060	4.817	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	178866	4.830	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	1710310	74.627	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	5885911	255.705	ug/L	97
67) 1,2-Dichlorobenzene	11.648	146	6890437	328.165	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.429	75	6288	5.537	ug/L	92
69) 1,3,5-Trichlorobenzene	12.644	180	91810	4.871	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	694196	46.889	ug/L	98
71) Naphthalene	13.503	128	100921	4.743	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	366796	28.063	ug/L	100

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

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