

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW010822\
 Data File : VW024315.D
 Acq On : 08 Jan 2022 13:48
 Operator : SY/MD
 Sample : MDL05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL05

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Jan 10 02:13:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR010422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jan 10 01:53:06 2022
 Response via : Initial Calibration

01/10/2022
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	95132	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	99620	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	54213	5.000	ug/L	0.00

01/10/2022

System Monitoring Compounds

4) Vinyl Chloride-d3	1.307	65	32273	4.177	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.600%
7) Chloroethane-d5	1.568	69	28563	4.703	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.000%
11) 1,1-Dichloroethene-d2	2.108	63	51977	3.430	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.600%
20) 2-Butanone-d5	3.921	46	54383m	54.146	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.300%
24) Chloroform-d	4.352	84	71325	4.927	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
26) 1,2-Dichloroethane-d4	5.034	65	34629	5.057	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.200%
32) Benzene-d6	5.050	84	134501	4.820	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
36) 1,2-Dichloropropane-d6	6.069	67	36880	5.085	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.600%
41) Toluene-d8	7.317	98	121653	4.389	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.800%
43) trans-1,3-Dichloroprop...	7.625	79	14422	4.341	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.800%
46) 2-Hexanone-d5	8.092	63	49066	47.261	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.520%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	26334	4.989	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	48940	5.197	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.000%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.130	85	2522	0.211	ug/L	97
3) Chloromethane	1.240	50	1609	0.201	ug/L	98
5) Vinyl chloride	1.310	62	2001	0.227	ug/L #	61
6) Bromomethane	1.523	94	1102	0.189	ug/L	86
8) Chloroethane	1.587	64	1200	0.217	ug/L	92
9) Trichlorofluoromethane	1.754	101	3522	0.202	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	2473	0.281	ug/L #	78
12) 1,1-Dichloroethene	2.121	96	1860	0.248	ug/L #	1
13) Acetone	2.208	43	2203m	2.281	ug/L	
14) Carbon disulfide	2.298	76	3759	0.213	ug/L #	87
15) Methyl Acetate	2.465	43	599m	0.295	ug/L	
16) Methylene chloride	2.513	84	3239	0.281	ug/L	90
17) Methyl tert-butyl Ether	2.777	73	3581	0.198	ug/L #	92
18) trans-1,2-Dichloroethene	2.764	96	1528	0.191	ug/L	78
19) 1,1-Dichloroethane	3.201	63	2917	0.205	ug/L	93
21) 2-Butanone	4.034	43	3757m	2.869	ug/L	
22) cis-1,2-Dichloroethene	3.915	96	1724m	0.196	ug/L	
23) Bromochloromethane	4.256	128	774	0.198	ug/L	96
25) Chloroform	4.378	83	5525	0.325	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
27) 1,2-Dichloroethane	5.140	62	2043	0.217	ug/L	#	73
29) 1,1,1-Trichloroethane	4.613	97	3400	0.199	ug/L	#	38
30) Cyclohexane	4.677	56	2097	0.195	ug/L	#	92
31) Carbon tetrachloride	4.834	117	3050	0.196	ug/L		93
33) Benzene	5.108	78	6576	0.200	ug/L		100
34) Trichloroethene	5.921	95	1701	0.185	ug/L		87
35) Methylcyclohexane	6.130	83	2638	0.206	ug/L	#	84
37) 1,2-Dichloropropane	6.182	63	1618	0.212	ug/L	#	84
38) Bromodichloromethane	6.516	83	2233	0.186	ug/L	#	72
39) cis-1,3-Dichloropropene	7.037	75	2295m	0.198	ug/L		
40) 4-Methyl-2-pentanone	7.239	43	5908	1.515	ug/L	#	85
42) Toluene	7.394	91	8880	0.235	ug/L		98
44) trans-1,3-Dichloropropene	7.664	75	2228	0.213	ug/L		92
45) 1,1,2-Trichloroethane	7.850	97	1248	0.201	ug/L		91
47) Tetrachloroethene	7.979	164	1628	0.190	ug/L		95
48) 2-Hexanone	8.149	43	12088	4.201	ug/L	#	86
49) Dibromochloromethane	8.246	129	1570	0.184	ug/L		93
50) 1,2-Dibromoethane	8.358	107	1058	0.188	ug/L	#	98
51) Chlorobenzene	8.886	112	5094	0.195	ug/L		96
52) Ethylbenzene	9.018	91	7208	0.174	ug/L		93
53) m,p-xylene	9.143	106	2675	0.161	ug/L		90
54) o-xylene	9.548	106	2459	0.151	ug/L		97
55) Styrene	9.574	104	4250	0.155	ug/L		91
57) 1,1,2,2-Tetrachloroethane	10.239	83	1399	0.222	ug/L	#	90
59) Bromoform	9.735	173	880	0.195	ug/L	#	83
60) Isopropylbenzene	9.934	105	7594	0.190	ug/L		96
61) 1,2,3-Trichloropropane	10.278	75	1192	0.272	ug/L	#	79
62) 1,3,5-Trimethylbenzene	10.542	105	5948	0.173	ug/L		98
63) 1,2,4-Trimethylbenzene	10.918	105	5706	0.163	ug/L		95
64) 1,3-Dichlorobenzene	11.185	146	4081	0.192	ug/L		92
65) 1,4-Dichlorobenzene	11.271	146	4390	0.207	ug/L		95
67) 1,2-Dichlorobenzene	11.644	146	3989	0.208	ug/L		92
68) 1,2-Dibromo-3-chloropr...	12.432	75	129m	0.134	ug/L		
69) 1,3,5-Trichlorobenzene	12.648	180	3847	0.219	ug/L	#	93
70) 1,2,4-trichlorobenzene	13.265	180	2679	0.194	ug/L		91
71) Naphthalene	13.509	128	3395	0.176	ug/L		97
72) 1,2,3-Trichlorobenzene	13.747	180	2347	0.197	ug/L	#	95

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

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