

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW010822\
 Data File : VW024314.D
 Acq On : 08 Jan 2022 13:25
 Operator : SY/MD
 Sample : MDL04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL04

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/10/2022
 Supervised By : Mahesh Dadoda 01/10/2022

Quant Time: Jan 10 02:11:07 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

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	98121	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	101648	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	54939	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	31457	3.947	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.000%
7) Chloroethane-d5	1.568	69	27578	4.403	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.000%
11) 1,1-Dichloroethene-d2	2.108	63	49714	3.181	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.600%
20) 2-Butanone-d5	3.918	46	51093m	49.321	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.640%
24) Chloroform-d	4.349	84	69228	4.637	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
26) 1,2-Dichloroethane-d4	5.034	65	34367	4.866	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
32) Benzene-d6	5.050	84	128968	4.529	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
36) 1,2-Dichloropropane-d6	6.069	67	35939	4.856	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.200%
41) Toluene-d8	7.313	98	119987	4.243	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.800%
43) trans-1,3-Dichloroprop...	7.625	79	14480	4.271	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.400%
46) 2-Hexanone-d5	8.091	63	46355	43.759	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.520%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	24387	4.528	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	49279	5.164	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	2469	0.200	ug/L	98
3) Chloromethane	1.240	50	1722	0.209	ug/L	90
5) Vinyl chloride	1.310	62	2091	0.230	ug/L #	61
6) Bromomethane	1.523	94	1327	0.221	ug/L	95
8) Chloroethane	1.584	64	1622	0.284	ug/L	98
9) Trichlorofluoromethane	1.754	101	3559	0.198	ug/L	91
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	2498	0.275	ug/L	89
12) 1,1-Dichloroethene	2.121	96	1882	0.243	ug/L #	1
13) Acetone	2.220	43	2667m	2.677	ug/L	
14) Carbon disulfide	2.297	76	4081	0.224	ug/L #	95
15) Methyl Acetate	2.465	43	615m	0.294	ug/L	
16) Methylene chloride	2.510	84	2601	0.219	ug/L	89
17) Methyl tert-butyl Ether	2.767	73	3548	0.191	ug/L	96
18) trans-1,2-Dichloroethene	2.770	96	1794	0.217	ug/L	95
19) 1,1-Dichloroethane	3.191	63	3105	0.212	ug/L	96
21) 2-Butanone	4.024	43	3548m	2.627	ug/L	
22) cis-1,2-Dichloroethene	3.915	96	1909	0.211	ug/L	86
23) Bromochloromethane	4.259	128	765m	0.190	ug/L	
25) Chloroform	4.371	83	4922	0.281	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.143	62	2045	0.211	ug/L #	73
29) 1,1,1-Trichloroethane	4.606	97	3356	0.193	ug/L	97
30) Cyclohexane	4.674	56	2289	0.209	ug/L	93
31) Carbon tetrachloride	4.834	117	3129	0.197	ug/L	99
33) Benzene	5.104	78	7155	0.214	ug/L	100
34) Trichloroethene	5.924	95	2186	0.233	ug/L	86
35) Methylcyclohexane	6.130	83	2899	0.222	ug/L #	84
37) 1,2-Dichloropropane	6.182	63	1809	0.233	ug/L #	84
38) Bromodichloromethane	6.516	83	2313	0.189	ug/L #	91
39) cis-1,3-Dichloropropene	7.034	75	2546	0.215	ug/L	89
40) 4-Methyl-2-pentanone	7.233	43	6343	1.594	ug/L #	89
42) Toluene	7.394	91	9176	0.238	ug/L	85
44) trans-1,3-Dichloropropene	7.664	75	2285m	0.214	ug/L	
45) 1,1,2-Trichloroethane	7.844	97	1146	0.181	ug/L	89
47) Tetrachloroethene	7.979	164	1732	0.198	ug/L	86
48) 2-Hexanone	8.146	43	12561m	4.279	ug/L	
49) Dibromochloromethane	8.243	129	2027	0.233	ug/L	97
50) 1,2-Dibromoethane	8.361	107	1134	0.198	ug/L #	87
51) Chlorobenzene	8.886	112	5303	0.199	ug/L	98
52) Ethylbenzene	9.017	91	7999	0.189	ug/L	94
53) m,p-xylene	9.146	106	3217	0.190	ug/L	81
54) o-xylene	9.545	106	3194	0.193	ug/L	85
55) Styrene	9.567	104	4704	0.168	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.239	83	1524	0.237	ug/L #	89
59) Bromoform	9.734	173	992	0.216	ug/L #	89
60) Isopropylbenzene	9.934	105	7777	0.192	ug/L	99
61) 1,2,3-Trichloropropane	10.278	75	1086	0.244	ug/L	90
62) 1,3,5-Trimethylbenzene	10.538	105	6523	0.188	ug/L	98
63) 1,2,4-Trimethylbenzene	10.914	105	6305	0.178	ug/L	93
64) 1,3-Dichlorobenzene	11.185	146	4614	0.214	ug/L	93
65) 1,4-Dichlorobenzene	11.271	146	4758	0.222	ug/L	92
67) 1,2-Dichlorobenzene	11.644	146	4552	0.234	ug/L	92
68) 1,2-Dibromo-3-chloropr...	12.435	75	46	0.047	ug/L #	57
69) 1,3,5-Trichlorobenzene	12.647	180	3906	0.219	ug/L	99
70) 1,2,4-trichlorobenzene	13.265	180	2802	0.200	ug/L	97
71) Naphthalene	13.506	128	3812	0.195	ug/L	96
72) 1,2,3-Trichlorobenzene	13.747	180	2398	0.199	ug/L	92

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

Manual Integrations

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