

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092322\
 Data File : VW028092.D
 Acq On : 23 Sep 2022 10:35
 Operator : SY/MD
 Sample : N4519-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT4-2022-08

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/27/2022
 Supervised By :Mahesh Dadoda 09/27/2022

Quant Time: Sep 24 01:51:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 24 01:23:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	185343	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	187230	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	89426	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	84692	4.408	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.200%
7) Chloroethane-d5	1.561	69	75005	4.910	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.200%
11) 1,1-Dichloroethene-d2	2.101	63	118128	3.545	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.800%
20) 2-Butanone-d5	3.899	46	148052	45.639	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.280%
24) Chloroform-d	4.339	84	142677	4.653	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
26) 1,2-Dichloroethane-d4	5.024	65	70159	4.809	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.200%
32) Benzene-d6	5.040	84	268154	4.368	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
36) 1,2-Dichloropropane-d6	6.063	67	85420	4.463	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.200%
41) Toluene-d8	7.310	98	217478	3.914	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.200%
43) trans-1,3-Dichloroprop...	7.619	79	29554	4.275	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.400%
46) 2-Hexanone-d5	8.085	63	124521	43.156	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.320%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	59458	4.545	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	83651	4.769	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.400%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	2823	0.204	ug/L	98
3) Chloromethane	1.236	50	3160	0.172	ug/L	92
5) Vinyl chloride	1.304	62	3313	0.231	ug/L #	43
6) Bromomethane	1.516	94	1977	0.211	ug/L	100
8) Chloroethane	1.580	64	2116	0.220	ug/L	96
9) Trichlorofluoromethane	1.748	101	4378	0.192	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	3562	0.271	ug/L #	81
12) 1,1-Dichloroethene	2.111	96	3217	0.251	ug/L #	1
14) Carbon disulfide	2.288	76	5448	0.222	ug/L	98
16) Methylene chloride	2.500	84	6679	0.467	ug/L	89
17) Methyl tert-butyl Ether	2.767	73	5211	0.189	ug/L #	94
18) trans-1,2-Dichloroethene	2.751	96	2405	0.214	ug/L #	78
19) 1,1-Dichloroethane	3.185	63	5229	0.214	ug/L	98
21) 2-Butanone	3.989	43	6698m	2.165	ug/L	
22) cis-1,2-Dichloroethene	3.902	96	2558	0.174	ug/L	96
23) Bromochloromethane	4.256	128	1133	0.192	ug/L #	72
25) Chloroform	4.368	83	6802	0.259	ug/L	100
27) 1,2-Dichloroethane	5.143	62	2445m	0.175	ug/L	
29) 1,1,1-Trichloroethane	4.603	97	4303	0.187	ug/L	99

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30) Cyclohexane	4.667	56	2669	0.160	ug/L #	77
31) Carbon tetrachloride	4.818	117	3674	0.194	ug/L	98
33) Benzene	5.098	78	9218m	0.177	ug/L	
35) Methylcyclohexane	6.120	83	3304	0.186	ug/L	91
37) 1,2-Dichloropropane	6.178	63	2736	0.188	ug/L #	87
38) Bromodichloromethane	6.506	83	3517	0.195	ug/L	92
39) cis-1,3-Dichloropropene	7.034	75	3052m	0.169	ug/L	
40) 4-Methyl-2-pentanone	7.233	43	9453	1.336	ug/L #	85
44) trans-1,3-Dichloropropene	7.661	75	2424m	0.156	ug/L	
45) 1,1,2-Trichloroethane	7.841	97	1804	0.185	ug/L	86
47) Tetrachloroethene	7.976	164	1894	0.183	ug/L	86
49) Dibromochloromethane	8.243	129	2281	0.194	ug/L	81
50) 1,2-Dibromoethane	8.355	107	1476	0.174	ug/L #	94
51) Chlorobenzene	8.882	112	7271	0.200	ug/L	90
52) Ethylbenzene	9.014	91	9314	0.162	ug/L	95
53) m,p-Xylene	9.140	106	3340	0.152	ug/L	78
54) o-Xylene	9.545	106	3409	0.157	ug/L	89
55) Styrene	9.567	104	5609	0.149	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	2304	0.202	ug/L #	96
59) Bromoform	9.731	173	1305	0.230	ug/L #	99
60) Isopropylbenzene	9.927	105	8838	0.168	ug/L	95
61) 1,2,3-Trichloropropane	10.275	75	1596	0.213	ug/L #	78
62) 1,3,5-Trimethylbenzene	10.538	105	2697	0.182	ug/L	96
63) 1,2,4-Trimethylbenzene	10.918	105	6817	0.165	ug/L	88
64) 1,3-Dichlorobenzene	11.178	146	5297	0.203	ug/L	92
68) 1,2-Dibromo-3-chloropr...	12.429	75	279	0.170	ug/L #	79
69) 1,3,5-Trichlorobenzene	12.644	180	4326	0.209	ug/L	96
70) 1,2,4-trichlorobenzene	13.265	180	3646	0.221	ug/L	89
71) Naphthalene	13.509	128	5434	0.201	ug/L	98
72) 1,2,3-Trichlorobenzene	13.747	180	2857	0.191	ug/L	98

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

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