

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081722\
 Data File : VV027416.D
 Acq On : 17 Aug 2022 11:54
 Operator : SY/MD
 Sample : N4015-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT3-2022-06

Quant Time: Aug 18 01:46:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 18 01:40:54 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/19/2022
 Supervised By :Semsettin Yesilyurt 08/22/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	126802	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	139398	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	58771	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	39497	3.585	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.800%
7) Chloroethane-d5	1.564	69	38297	4.787	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.800%
11) 1,1-Dichloroethene-d2	2.105	63	67030	3.355	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.200%
20) 2-Butanone-d5	3.886	46	89714	48.085	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.180%
24) Chloroform-d	4.346	84	98588	4.880	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
26) 1,2-Dichloroethane-d4	5.030	65	53546	5.563	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.200%
32) Benzene-d6	5.047	84	174951	4.255	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.000%
36) 1,2-Dichloropropane-d6	6.066	67	67346	5.297	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.000%
41) Toluene-d8	7.317	98	137899	3.663	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.200%
43) trans-1,3-Dichloroprop...	7.625	79	20543	4.665	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.200%
46) 2-Hexanone-d5	8.088	63	87854	51.546	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.100%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	49282	5.358	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	53492	5.273	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	3220	0.214	ug/L	98
3) Chloromethane	1.236	50	3352	0.222	ug/L	95
5) Vinyl chloride	1.307	62	2659	0.189	ug/L #	34
6) Bromomethane	1.519	94	1450	0.221	ug/L	96
8) Chloroethane	1.584	64	1502m	0.192	ug/L	
9) Trichlorofluoromethane	1.751	101	4405	0.235	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	2879	0.327	ug/L	89
12) 1,1-Dichloroethene	2.114	96	3129m	0.343	ug/L	
14) Carbon disulfide	2.291	76	6764	0.185	ug/L	97
16) Methylene chloride	2.503	84	6797	0.464	ug/L	97
17) Methyl tert-butyl Ether	2.767	73	4133	0.194	ug/L #	91
18) trans-1,2-Dichloroethene	2.757	96	2039	0.182	ug/L	98
19) 1,1-Dichloroethane	3.185	63	4321	0.201	ug/L #	93
21) 2-Butanone	4.005	43	3475m	1.851	ug/L	
22) cis-1,2-Dichloroethene	3.921	96	2368m	0.214	ug/L	
23) Bromochloromethane	4.246	128	1106m	0.214	ug/L	
25) Chloroform	4.378	83	15478	0.701	ug/L	97
27) 1,2-Dichloroethane	5.140	62	2881	0.228	ug/L #	92
29) 1,1,1-Trichloroethane	4.606	97	3956	0.202	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) Cyclohexane	4.670	56	2981	0.188	ug/L	95
31) Carbon tetrachloride	4.828	117	3498	0.205	ug/L	92
33) Benzene	5.104	78	9356	0.196	ug/L	100
34) Trichloroethene	5.915	95	2281	0.192	ug/L	90
35) Methylcyclohexane	6.127	83	4446	0.272	ug/L #	77
37) 1,2-Dichloropropane	6.178	63	2385	0.203	ug/L #	85
38) Bromodichloromethane	6.513	83	3036	0.200	ug/L #	96
39) cis-1,3-Dichloropropene	7.043	75	2907	0.202	ug/L	90
40) 4-Methyl-2-pentanone	7.236	43	6849	1.127	ug/L #	90
44) trans-1,3-Dichloropropene	7.667	75	2595	0.206	ug/L	94
45) 1,1,2-Trichloroethane	7.847	97	1523m	0.181	ug/L	
47) Tetrachloroethene	7.979	164	2170	0.233	ug/L	95
49) Dibromochloromethane	8.249	129	1763	0.179	ug/L	93
50) 1,2-Dibromoethane	8.358	107	1295	0.173	ug/L #	84
51) Chlorobenzene	8.889	112	5979	0.193	ug/L	98
52) Ethylbenzene	9.021	91	8057	0.169	ug/L	97
53) m,p-Xylene	9.140	106	2793	0.153	ug/L	86
54) o-Xylene	9.548	106	2935	0.165	ug/L	85
55) Styrene	9.570	104	4549	0.148	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.239	83	1963	0.210	ug/L #	81
59) Bromoform	9.738	173	859	0.217	ug/L #	86
60) Isopropylbenzene	9.934	105	7871	0.213	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	1513	0.267	ug/L #	91
62) 1,3,5-Trimethylbenzene	10.545	105	2609	0.255	ug/L	93
63) 1,2,4-Trimethylbenzene	10.918	105	5317	0.181	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	3898	0.211	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.439	75	163	0.138	ug/L #	46
69) 1,3,5-Trichlorobenzene	12.644	180	2647	0.198	ug/L	95
70) 1,2,4-trichlorobenzene	13.268	180	2004	0.201	ug/L	93
71) Naphthalene	13.509	128	2796	0.182	ug/L	96
72) 1,2,3-Trichlorobenzene	13.747	180	1523	0.164	ug/L #	79

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

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