

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022824\
 Data File : VW034460.D
 Acq On : 28 Feb 2024 10:41
 Operator : SY/MD
 Sample : P1601-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT1-2024-02

Quant Time: Feb 29 00:40:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Feb 29 00:34:49 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/29/2024
 Supervised By :Semsettin Yesilyurt 02/29/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	147418	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	141235	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	72069	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	35023	4.093	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	81.800%	
7) Chloroethane-d5	1.532	69	30846	4.081	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	81.600%	
11) 1,1-Dichloroethene-d2	2.056	65	16624	4.173	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	83.400%	
20) 2-Butanone-d5	3.821	46	113222	50.604	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	101.200%	
24) Chloroform-d	4.252	84	80863	4.706	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.200%	
26) 1,2-Dichloroethane-d4	4.947	65	43626	4.989	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.800%	
32) Benzene-d6	4.963	84	139147	4.380	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.600%	
36) 1,2-Dichloropropane-d6	5.992	67	46612	4.913	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	98.200%	
41) Toluene-d8	7.246	98	121767	4.274	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	85.400%	
43) trans-1,3-Dichloroprop...	7.561	79	15669	4.434	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	88.600%	
46) 2-Hexanone-d5	8.030	63	101188	50.635	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	101.280%	
56) 1,1,2,2-Tetrachloroeth...	10.156	84	36337	4.839	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	96.800%	
66) 1,2-Dichlorobenzene-d4	11.561	152	50578	4.619	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	92.400%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	2420	0.260	ug/L	98
3) Chloromethane	1.214	50	3047	0.276	ug/L	93
5) Vinyl chloride	1.281	62	3141	0.288	ug/L	97
6) Bromomethane	1.487	94	1783	0.288	ug/L	97
8) Chloroethane	1.548	64	1848	0.239	ug/L	96
9) Trichlorofluoromethane	1.712	101	4368	0.246	ug/L	93
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	2711	0.283	ug/L #	90
12) 1,1-Dichloroethene	2.066	96	2649	0.287	ug/L #	1
14) Carbon disulfide	2.240	76	6263	0.253	ug/L	96
15) Methyl Acetate	2.391	43	866m	0.222	ug/L	
16) Methylene chloride	2.449	84	3184	0.302	ug/L	95
17) Methyl tert-butyl Ether	2.709	73	6035	0.251	ug/L	93
18) trans-1,2-Dichloroethene	2.699	96	2524	0.269	ug/L	84
19) 1,1-Dichloroethane	3.121	63	4868	0.269	ug/L	97
21) 2-Butanone	3.944	43	7956m	3.185	ug/L	
22) cis-1,2-Dichloroethene	3.828	96	2601m	0.252	ug/L	
23) Bromochloromethane	4.165	128	1197	0.278	ug/L #	70
25) Chloroform	4.281	83	5431	0.289	ug/L	93
27) 1,2-Dichloroethane	5.066	62	3043	0.266	ug/L #	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) 1,1,1-Trichloroethane	4.513	97	4165	0.236	ug/L #	86
30) Cyclohexane	4.580	56	3498	0.230	ug/L	90
31) Carbon tetrachloride	4.744	117	3700	0.241	ug/L	93
33) Benzene	5.021	78	8673	0.222	ug/L	100
34) Trichloroethene	5.844	95	2213	0.217	ug/L	89
35) Methylcyclohexane	6.043	83	4298m	0.268	ug/L	
37) 1,2-Dichloropropane	6.108	63	2608	0.270	ug/L #	87
38) Bromodichloromethane	6.448	83	3071	0.233	ug/L #	97
39) cis-1,3-Dichloropropene	6.979	75	3188	0.238	ug/L	96
40) 4-Methyl-2-pentanone	7.172	43	13081	2.188	ug/L #	89
42) Toluene	7.326	91	10017	0.244	ug/L	93
44) trans-1,3-Dichloropropene	7.609	75	3293m	0.303	ug/L	
45) 1,1,2-Trichloroethane	7.783	97	1567	0.238	ug/L	96
47) Tetrachloroethene	7.908	164	2207	0.276	ug/L	88
48) 2-Hexanone	8.091	43	11888	2.792	ug/L #	97
49) Dibromochloromethane	8.181	129	1649	0.216	ug/L	85
50) 1,2-Dibromoethane	8.297	107	1572	0.256	ug/L #	93
51) Chlorobenzene	8.821	112	7098	0.266	ug/L #	86
52) Ethylbenzene	8.956	91	11606	0.251	ug/L	98
53) m,p-Xylene	9.088	106	3975	0.231	ug/L	95
54) o-Xylene	9.484	106	4195	0.244	ug/L	86
55) Styrene	9.509	104	6317	0.229	ug/L	88
57) 1,1,2,2-Tetrachloroethane	10.181	83	2111	0.268	ug/L #	95
59) Bromoform	9.680	173	650	0.177	ug/L #	94
60) Isopropylbenzene	9.873	105	10592	0.246	ug/L	95
61) 1,2,3-Trichloropropane	10.217	75	1633	0.294	ug/L	93
62) 1,3,5-Trimethylbenzene	10.480	105	8863	0.235	ug/L	93
63) 1,2,4-Trimethylbenzene	10.857	105	8514	0.226	ug/L	99
64) 1,3-Dichlorobenzene	11.127	146	5331	0.254	ug/L	93
65) 1,4-Dichlorobenzene	11.210	146	5790	0.278	ug/L	97
67) 1,2-Dichlorobenzene	11.583	146	5373	0.274	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.368	75	264	0.188	ug/L	92
69) 1,3,5-Trichlorobenzene	12.590	180	4141	0.258	ug/L #	96
70) 1,2,4-trichlorobenzene	13.204	180	3794	0.270	ug/L	94
71) Naphthalene	13.451	128	6114	0.255	ug/L	98
72) 1,2,3-Trichlorobenzene	13.692	180	3181	0.253	ug/L	97

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

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