

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022724\
 Data File : VW034440.D
 Acq On : 27 Feb 2024 11:35
 Operator : SY/MD
 Sample : P1601-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT1-2024-01

Quant Time: Feb 28 04:10:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 28 03:52:36 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 02/28/2024
 Supervised By :Mahesh Dadoda 02/28/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	142049	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	135415	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	69209	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	35052	4.251	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.000%
7) Chloroethane-d5	1.532	69	31979	4.391	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.800%
11) 1,1-Dichloroethene-d2	2.060	65	17011	4.432	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.600%
20) 2-Butanone-d5	3.805	46	111774	51.845	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.700%
24) Chloroform-d	4.252	84	75641	4.569	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
26) 1,2-Dichloroethane-d4	4.947	65	42594	5.055	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.200%
32) Benzene-d6	4.963	84	139563	4.581	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
36) 1,2-Dichloropropane-d6	5.989	67	44530	4.896	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.000%
41) Toluene-d8	7.246	98	122103	4.470	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.400%
43) trans-1,3-Dichloroprop...	7.561	79	15709	4.636	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.800%
46) 2-Hexanone-d5	8.027	63	99456	51.908	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.820%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	34438	4.783	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.600%
66) 1,2-Dichlorobenzene-d4	11.561	152	50138	4.768	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	2221	0.248	ug/L	100
3) Chloromethane	1.214	50	2825	0.265	ug/L	94
5) Vinyl chloride	1.281	62	2841	0.270	ug/L #	72
6) Bromomethane	1.487	94	1456	0.244	ug/L	95
8) Chloroethane	1.548	64	1961	0.263	ug/L	97
9) Trichlorofluoromethane	1.712	101	4177	0.244	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	2803	0.303	ug/L #	86
12) 1,1-Dichloroethene	2.069	96	2842	0.319	ug/L #	1
14) Carbon disulfide	2.240	76	5844	0.245	ug/L	99
15) Methyl Acetate	2.397	43	835	0.222	ug/L #	64
16) Methylene chloride	2.449	84	3728	0.367	ug/L	89
17) Methyl tert-butyl Ether	2.709	73	5726	0.248	ug/L	94
18) trans-1,2-Dichloroethene	2.696	96	2045	0.226	ug/L	87
19) 1,1-Dichloroethane	3.114	63	4548	0.261	ug/L	95
21) 2-Butanone	3.931	43	6228m	2.587	ug/L	
22) cis-1,2-Dichloroethene	3.822	96	2549	0.256	ug/L	88
23) Bromochloromethane	4.162	128	1114m	0.269	ug/L	
25) Chloroform	4.281	83	5010	0.277	ug/L	94
27) 1,2-Dichloroethane	5.069	62	2979	0.270	ug/L #	76

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) 1,1,1-Trichloroethane	4.510	97	3924	0.232	ug/L #	70
30) Cyclohexane	4.580	56	3384	0.232	ug/L	88
31) Carbon tetrachloride	4.741	117	3422	0.233	ug/L	99
33) Benzene	5.014	78	9447	0.252	ug/L	100
34) Trichloroethene	5.847	95	2360	0.241	ug/L	85
35) Methylcyclohexane	6.053	83	4019	0.262	ug/L	97
37) 1,2-Dichloropropane	6.104	63	2419	0.261	ug/L #	87
38) Bromodichloromethane	6.445	83	2946	0.233	ug/L #	99
39) cis-1,3-Dichloropropene	6.969	75	2931	0.228	ug/L #	81
40) 4-Methyl-2-pentanone	7.172	43	12292	2.145	ug/L #	87
42) Toluene	7.326	91	9299	0.236	ug/L	95
44) trans-1,3-Dichloropropene	7.600	75	2844m	0.273	ug/L	
45) 1,1,2-Trichloroethane	7.786	97	1491	0.237	ug/L	93
47) Tetrachloroethene	7.911	164	2123	0.277	ug/L	90
48) 2-Hexanone	8.091	43	11184	2.740	ug/L #	95
49) Dibromochloromethane	8.182	129	1735	0.236	ug/L	89
50) 1,2-Dibromoethane	8.291	107	1269	0.215	ug/L #	99
51) Chlorobenzene	8.818	112	5947	0.232	ug/L #	86
52) Ethylbenzene	8.953	91	10313	0.233	ug/L	99
53) m,p-Xylene	9.082	106	3852	0.234	ug/L	95
54) o-Xylene	9.487	106	4009	0.244	ug/L	97
55) Styrene	9.509	104	5777	0.218	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.178	83	2091	0.277	ug/L #	86
59) Bromoform	9.670	173	592	0.168	ug/L #	84
60) Isopropylbenzene	9.870	105	9342	0.226	ug/L	96
61) 1,2,3-Trichloropropane	10.217	75	1518	0.284	ug/L	95
62) 1,3,5-Trimethylbenzene	10.480	105	8186	0.226	ug/L	97
63) 1,2,4-Trimethylbenzene	10.857	105	7690	0.212	ug/L	96
64) 1,3-Dichlorobenzene	11.127	146	4923	0.245	ug/L	97
65) 1,4-Dichlorobenzene	11.210	146	4873	0.244	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	4289	0.227	ug/L #	84
68) 1,2-Dibromo-3-chloropr...	12.371	75	261	0.193	ug/L #	66
69) 1,3,5-Trichlorobenzene	12.590	180	4099	0.265	ug/L #	94
70) 1,2,4-trichlorobenzene	13.204	180	3281	0.243	ug/L	97
71) Naphthalene	13.448	128	5327	0.231	ug/L	99
72) 1,2,3-Trichlorobenzene	13.686	180	2915	0.241	ug/L	100

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

