

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012524\
 Data File : VW033868.D
 Acq On : 25 Jan 2024 15:15
 Operator : SY/MD
 Sample : 04696-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT4-2023-08

Quant Time: Jan 25 21:28:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 25 21:12:54 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/26/2024
 Supervised By :Semsettin Yesilyurt 01/26/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	98859	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	93375	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	46565	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	38982	5.091	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.800%
7) Chloroethane-d5	1.532	69	32609	4.863	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.200%
11) 1,1-Dichloroethene-d2	2.060	65	17273	4.678	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.600%
20) 2-Butanone-d5	3.789	46	61871	48.116	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.240%
24) Chloroform-d	4.252	84	67793	4.873	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
26) 1,2-Dichloroethane-d4	4.944	65	32992	5.074	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.400%
32) Benzene-d6	4.960	84	136834	4.884	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
36) 1,2-Dichloropropane-d6	5.989	67	40078	5.118	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.400%
41) Toluene-d8	7.243	98	123816	4.809	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.200%
43) trans-1,3-Dichloroprop...	7.558	79	11157	3.773	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.400%
46) 2-Hexanone-d5	8.024	63	54120	51.270	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.540%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	24280	5.114	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.200%
66) 1,2-Dichlorobenzene-d4	11.561	152	44204	5.220	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	1520	0.168	ug/L	92
3) Chloromethane	1.214	50	3368	0.341	ug/L	95
5) Vinyl chloride	1.285	62	2534	0.268	ug/L #	1
6) Bromomethane	1.487	94	899	0.181	ug/L	83
9) Trichlorofluoromethane	1.716	101	2584	0.190	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	1844	0.259	ug/L #	71
12) 1,1-Dichloroethene	2.072	96	1876	0.272	ug/L #	1
13) Acetone	2.117	43	2820	2.891	ug/L #	52
14) Carbon disulfide	2.243	76	5839	0.261	ug/L	96
15) Methyl Acetate	2.413	43	454m	0.197	ug/L	
17) Methyl tert-butyl Ether	2.706	73	2597	0.183	ug/L	98
18) trans-1,2-Dichloroethene	2.699	96	1332	0.189	ug/L	98
19) 1,1-Dichloroethane	3.121	63	2346	0.182	ug/L	96
22) cis-1,2-Dichloroethene	3.818	96	1981	0.248	ug/L	90
23) Bromochloromethane	4.162	128	405	0.146	ug/L	83
27) 1,2-Dichloroethane	5.069	62	1366	0.183	ug/L #	76
29) 1,1,1-Trichloroethane	4.516	97	2146	0.171	ug/L	97
30) Cyclohexane	4.590	56	2204m	0.181	ug/L	
31) Carbon tetrachloride	4.741	117	1839	0.168	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) Benzene	5.018	78	5032	0.180	ug/L	100
34) Trichloroethene	5.844	95	1539	0.190	ug/L #	77
35) Methylcyclohexane	6.056	83	2262	0.178	ug/L	96
37) 1,2-Dichloropropane	6.111	63	1206	0.178	ug/L #	87
38) Bromodichloromethane	6.452	83	1480	0.166	ug/L #	81
39) cis-1,3-Dichloropropene	6.973	75	1720	0.167	ug/L	85
40) 4-Methyl-2-pentanone	7.172	43	5548	1.708	ug/L #	88
42) Toluene	7.326	91	6048	0.202	ug/L	94
44) trans-1,3-Dichloropropene	7.606	75	992	0.125	ug/L	91
45) 1,1,2-Trichloroethane	7.783	97	570	0.136	ug/L #	82
47) Tetrachloroethene	7.911	164	1503	0.228	ug/L	75
48) 2-Hexanone	8.091	43	8365m	3.653	ug/L	
49) Dibromochloromethane	8.185	129	853	0.171	ug/L	99
50) 1,2-Dibromoethane	8.288	107	727	0.193	ug/L #	91
51) Chlorobenzene	8.821	112	3645	0.193	ug/L #	88
52) Ethylbenzene	8.956	91	6677	0.194	ug/L	99
53) m,p-Xylene	9.082	106	2366	0.182	ug/L	97
54) o-Xylene	9.484	106	2203	0.175	ug/L	88
55) Styrene	9.513	104	3150	0.157	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.181	83	820	0.185	ug/L #	94
60) Isopropylbenzene	9.870	105	6402	0.186	ug/L	98
61) 1,2,3-Trichloropropane	10.217	75	572	0.179	ug/L #	76
62) 1,3,5-Trimethylbenzene	10.480	105	5304	0.182	ug/L	97
63) 1,2,4-Trimethylbenzene	10.857	105	5898	0.208	ug/L	89
64) 1,3-Dichlorobenzene	11.127	146	3145	0.209	ug/L	94
65) 1,4-Dichlorobenzene	11.214	146	2930	0.197	ug/L	92
67) 1,2-Dichlorobenzene	11.580	146	2603	0.202	ug/L	94
69) 1,3,5-Trichlorobenzene	12.586	180	2216	0.191	ug/L	97
70) 1,2,4-trichlorobenzene	13.210	180	1963	0.216	ug/L	95
71) Naphthalene	13.451	128	3109	0.261	ug/L #	93
72) 1,2,3-Trichlorobenzene	13.680	180	1678	0.231	ug/L #	91

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

