

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040224\
 Data File : VW034936.D
 Acq On : 02 Apr 2024 17:09
 Operator : SY/MD
 Sample : P1925-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 PMW-2(20240327)

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

Quant Time: Apr 03 05:21:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 03 05:08:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	169726	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	168604	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	85545	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	70676	5.053	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.000%
7) Chloroethane-d5	1.532	69	61466	5.330	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.600%
11) 1,1-Dichloroethene-d2	2.060	65	32357	5.093	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.800%
20) 2-Butanone-d5	3.799	46	122075	55.778	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.560%
24) Chloroform-d	4.252	84	106408	4.701	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
26) 1,2-Dichloroethane-d4	4.944	65	53525	5.237	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.800%
32) Benzene-d6	4.960	84	221165	5.014	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
36) 1,2-Dichloropropane-d6	5.989	67	67924	5.247	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.000%
41) Toluene-d8	7.243	98	190335	4.751	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
43) trans-1,3-Dichloroprop...	7.561	79	22964	4.994	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.800%
46) 2-Hexanone-d5	8.027	63	90767	57.512	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.020%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	49186	5.446	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.000%
66) 1,2-Dichlorobenzene-d4	11.561	152	68671	5.096	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.000%
Target Compounds						
						Qvalue
5) Vinyl chloride	1.282	62	471605	27.832	ug/L	100
8) Chloroethane	1.552	64	10327	0.948	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	187132	13.562	ug/L	97
12) 1,1-Dichloroethene	2.069	96	3255371	252.633	ug/L #	69
16) Methylene chloride	2.449	84	9744	0.689	ug/L	88
18) trans-1,2-Dichloroethene	2.696	96	115988	9.081	ug/L	93
19) 1,1-Dichloroethane	3.098	63	26579140m	1054.713	ug/L	
22) cis-1,2-Dichloroethene	3.809	96	4453263	332.923	ug/L	97
25) Chloroform	4.278	83	6459	0.258	ug/L	84
27) 1,2-Dichloroethane	5.040	62	353570	25.105	ug/L	100
29) 1,1,1-Trichloroethane	4.513	97	280075	13.553	ug/L	98
30) Cyclohexane	4.584	56	4344	0.228	ug/L	90
33) Benzene	5.008	78	454389	8.803	ug/L	100
34) Trichloroethene	5.831	95	7877037	585.713	ug/L	99
35) Methylcyclohexane	6.050	83	7006	0.342	ug/L #	67
42) Toluene	7.330	91	9844	0.181	ug/L	98
45) 1,1,2-Trichloroethane	7.780	97	4797	0.545	ug/L	91
47) Tetrachloroethene	7.908	164	3480	0.344	ug/L	93
51) Chlorobenzene	8.812	112	283704	8.093	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
53) m,p-Xylene	9.088	106	1472	0.068	ug/L	85
54) o-Xylene	9.490	106	1904	0.090	ug/L	77
64) 1,3-Dichlorobenzene	11.117	146	117897	4.321	ug/L	100
65) 1,4-Dichlorobenzene	11.207	146	360784	13.201	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	14024	0.556	ug/L	89
70) 1,2,4-trichlorobenzene	13.197	180	63408	3.984	ug/L	98
72) 1,2,3-Trichlorobenzene	13.683	180	2490	0.178	ug/L	98

04/05/2024
Supervised By :Semsettin
Yesilyurt

04/05/2024

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

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