

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040324\
 Data File : VW034961.D
 Acq On : 03 Apr 2024 17:02
 Operator : SY/MD
 Sample : P1925-21 200X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DUP-1(20240328)

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 04/09/2024
 Supervised By :Semsettin Yesilyurt 04/09/2024

Quant Time: Apr 04 02:55:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 04 02:49:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	174141	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	177590	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	90591	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	63664	4.436	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.800%
7) Chloroethane-d5	1.535	69	57042	4.821	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.400%
11) 1,1-Dichloroethene-d2	2.060	65	29818	4.575	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.400%
20) 2-Butanone-d5	3.802	46	84110	37.457	ug/L	-0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	74.920%
24) Chloroform-d	4.249	84	118969	5.123	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.400%
26) 1,2-Dichloroethane-d4	4.944	65	57709	5.503	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.000%
32) Benzene-d6	4.963	84	235186	5.063	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.200%
36) 1,2-Dichloropropane-d6	5.989	67	76152	5.585	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.800%
41) Toluene-d8	7.246	98	201787	4.782	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.600%
43) trans-1,3-Dichloroprop...	7.561	79	23961	4.947	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.000%
46) 2-Hexanone-d5	8.027	63	92340	55.548	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.100%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	52237	5.491	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.800%
66) 1,2-Dichlorobenzene-d4	11.561	152	77076	5.401	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.000%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.285	62	8455	0.486	ug/L	85
16) Methylene chloride	2.449	84	3530	0.243	ug/L	74
22) cis-1,2-Dichloroethene	3.812	96	597672	43.549	ug/L	97
33) Benzene	5.018	78	20534	0.378	ug/L	100
34) Trichloroethene	5.834	95	58261	4.113	ug/L	95
35) Methylcyclohexane	6.047	83	3927	0.182	ug/L	89
42) Toluene	7.313	91	2106130	36.852	ug/L	98
47) Tetrachloroethene	7.902	164	258752	24.312	ug/L	98
51) Chlorobenzene	8.815	112	136138	3.687	ug/L	98
52) Ethylbenzene	8.950	91	79241	1.284	ug/L	99
53) m,p-Xylene	9.072	106	125826	5.551	ug/L	99
54) o-Xylene	9.477	106	38802	1.745	ug/L	99
60) Isopropylbenzene	9.870	105	10971m	0.194	ug/L	
62) 1,3,5-Trimethylbenzene	10.477	105	18851	0.405	ug/L	99
63) 1,2,4-Trimethylbenzene	10.853	105	51535	1.092	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	72507	2.509	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	410471	14.183	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	118454	4.437	ug/L	98
70) 1,2,4-trichlorobenzene	13.197	180	1690729	100.314	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
72) 1,2,3-Trichlorobenzene	13.680	180	287918	19.424	ug/L	99

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

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