

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080224\
 Data File : VX042850.D
 Acq On : 02 Aug 2024 18:31
 Operator : JC/MD
 Sample : P3446-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 001-WILLETS-PT-BLVD(JULY)

Quant Time: Aug 02 21:36:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X080224W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Aug 02 21:32:14 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/05/2024
 Supervised By :Semsettin Yesilyurt 08/05/2024

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

Internal Standards						
1) Bromochloromethane	4.903	128	15123	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.769	114	85923	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	81208	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.964	65	39706	26.758	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	89.200%#		
60) 4-Bromofluorobenzene	11.079	95	38901	28.719	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	95.733%		
63) Toluene-d8	8.647	98	105653	29.497	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	98.333%		
Target Compounds						
					Qvalue	
12) Methyl Acetate	2.715	43	1554	0.880	ug/l #	86
15) Acetone	2.386	58	31565	152.341	ug/l	92
16) Carbon Disulfide	2.508	76	1545	0.801	ug/l	95
18) Methylene Chloride	2.794	84	1582	1.343	ug/l #	93
30) 2-Butanone	4.574	43	21531m	27.065	ug/l	
58) 4-Methyl-2-Pentanone	8.580	43	4535	3.169	ug/l	96
62) Toluene	8.720	91	984975	239.995	ug/l	100
66) Ethyl Benzene	10.195	91	1156m	0.252	ug/l	
67) m/p-Xylenes	10.311	106	882	0.497	ug/l	87
76) 1,3,5-Trimethylbenzene	11.457	105	1043	0.272	ug/l	79
80) 1,2,4-Trimethylbenzene	11.756	105	3184	0.835	ug/l	57
81) sec-Butylbenzene	11.890	105	1274	0.266	ug/l	89
82) p-Isopropyltoluene	12.012	119	5528	1.388	ug/l	93
83) 1,3-Dichlorobenzene	11.975	146	801	0.391	ug/l	89
84) 1,4-Dichlorobenzene	12.042	146	3579	1.732	ug/l	90
85) n-Butylbenzene	12.335	91	1830	0.528	ug/l	93
89) 1,2,4-Trichlorobenzene	13.585	180	1016	0.820	ug/l #	83
90) Hexachlorobutadiene	13.719	225	189	0.362	ug/l	89
91) Naphthalene	13.780	128	2787	0.606	ug/l	98
92) 1,2,3-Trichlorobenzene	13.963	180	759	0.595	ug/l	90

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

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