

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072123\
 Data File : VX036606.D
 Acq On : 21 Jul 2023 12:07
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/24/2023
 Supervised By : Mahesh Dadoda 07/24/2023

Quant Time: Jul 21 23:02:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	304237	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	470982	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	345024	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	143026	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	165918	36.857	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	73.720%#		
35) Dibromofluoromethane	5.385	113	148342	45.823	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.640%		
50) Toluene-d8	8.647	98	511166	44.526	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	89.060%#		
62) 4-Bromofluorobenzene	11.079	95	162385	37.492	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	74.980%#		
Target Compounds						Qvalue
7) Trichlorofluoromethane	1.886	101	1113	0.194	ug/l	92
15) Acrylonitrile	3.075	53	3857	1.800	ug/l	97
17) Carbon Disulfide	2.514	76	9727	1.035	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	2191	0.171	ug/l	93
22) Diisopropyl ether	3.764	45	2139	0.168	ug/l #	82
24) 1,1-Dichloroethane	3.617	63	1085	0.152	ug/l #	65
26) 2,2-Dichloropropane	4.483	77	1040	0.155	ug/l	85
41) Methacrylonitrile	4.922	41	366	0.125	ug/l #	20
43) Isopropyl Acetate	6.336	43	1753	0.186	ug/l #	91
45) 1,2-Dichloropropane	7.434	63	718	0.192	ug/l #	80
51) 4-Methyl-2-Pentanone	8.574	43	5906	1.135	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	3134	1.056	ug/l	99
59) 2-Hexanone	9.433	43	4953	1.283	ug/l	92
68) m/p-Xylenes	10.299	106	5575	1.075	ug/l	99
82) 4-Chlorotoluene	11.457	91	9434	0.998	ug/l	99
86) p-Isopropyltoluene	12.006	119	10984	1.100	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	6375	1.277	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	6651m	1.342	ug/l	
89) n-Butylbenzene	12.335	91	13086	1.464	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	4844	1.005	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	7259	2.446	ug/l	98
94) Hexachlorobutadiene	13.725	225	2679	2.182	ug/l	98
95) Naphthalene	13.774	128	21642	2.092	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	7814	2.671	ug/l	96

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

