

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121321\
 Data File : VX025766.D
 Acq On : 13 Dec 2021 22:01
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Dec 14 07:07:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121321W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 14 07:02:11 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/14/2021
 Supervised By : Mahesh Dadoda 12/17/2021

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	142366	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	239973	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	206818	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	80236	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	90992	44.421	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	88.840%		
35) Dibromofluoromethane	5.391	113	79991	47.796	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.600%		
50) Toluene-d8	8.653	98	280249	45.959	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	91.920%#		
62) 4-Bromofluorobenzene	11.085	95	93147	40.213	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	80.420%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	575	0.452	ug/l	97
3) Chloromethane	1.294	50	606	0.366	ug/l	91
4) Vinyl Chloride	1.374	62	459	0.260	ug/l #	38
5) Bromomethane	1.611	94	1030	0.818	ug/l	91
7) Trichlorofluoromethane	1.886	101	645	0.221	ug/l #	69
9) 1,1,2-Trichlorotrifluo...	2.331	101	562	0.371	ug/l	92
10) Methyl Iodide	2.459	142	650	0.337	ug/l #	87
12) 1,1-Dichloroethene	2.319	96	399	0.265	ug/l #	72
13) Acrolein	2.233	56	472	1.681	ug/l #	72
15) Acrylonitrile	3.075	53	798	0.832	ug/l #	93
17) Carbon Disulfide	2.514	76	5567	1.290	ug/l #	89
21) trans-1,2-Dichloroethene	3.093	96	1025	0.609	ug/l #	79
23) Vinyl Acetate	3.733	43	1184	0.287	ug/l #	70
31) Cyclohexane	5.464	56	617	0.248	ug/l #	73
36) 1,1-Dichloropropene	5.702	75	799	0.352	ug/l #	77
39) Methylcyclohexane	7.379	83	742	0.292	ug/l #	88
44) Trichloroethene	7.135	130	661	0.351	ug/l	92
59) 2-Hexanone	9.439	43	443	0.220	ug/l	69
64) Tetrachloroethene	9.281	164	755	0.458	ug/l	95
65) Chlorobenzene	10.079	112	1111	0.258	ug/l	96
67) Ethyl Benzene	10.195	91	1488	0.204	ug/l	94
68) m/p-Xylenes	10.305	106	1305	0.460	ug/l	95
70) Styrene	10.659	104	998	0.215	ug/l	96
73) Isopropylbenzene	10.970	105	1543	0.265	ug/l	95
77) Bromobenzene	11.201	156	479	0.321	ug/l	88
78) n-propylbenzene	11.305	91	2740	0.416	ug/l	95
79) 2-Chlorotoluene	11.366	91	1275	0.304	ug/l	92
80) 1,3,5-Trimethylbenzene	11.457	105	1469	0.304	ug/l	96
82) 4-Chlorotoluene	11.457	91	2102	0.448	ug/l	93
83) tert-Butylbenzene	11.713	119	1564	0.330	ug/l	84
84) 1,2,4-Trimethylbenzene	11.756	105	1563	0.324	ug/l	94
85) sec-Butylbenzene	11.890	105	2287	0.402	ug/l	95
86) p-Isopropyltoluene	12.012	119	2030	0.425	ug/l	87
87) 1,3-Dichlorobenzene	11.975	146	1360	0.489	ug/l	91
88) 1,4-Dichlorobenzene	12.043	146	1572m	0.553	ug/l	
89) n-Butylbenzene	12.335	91	2320	0.582	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	12.542	117	217	0.231	ug/l	71
91) 1,2-Dichlorobenzene	12.335	146	1047	0.394	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	1280	4.116	ug/l	96
94) Hexachlorobutadiene	13.725	225	1277	2.259	ug/l	92
95) Naphthalene	13.780	128	2725	2.885	ug/l	95
96) 1,2,3-Trichlorobenzene	13.969	180	1015	3.595	ug/l	89

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

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