Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013024\
Data File : VX040027.D
Acq On : 30 Jan 2024 18:20
Operator : JC/MD
Sample : PB158700ZHE#02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB158700ZHE#02

Manual Integrations APPROVED

Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024

Quant Time: Jan 31 05:38:54 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 31 05:24:02 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	69751	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	136660	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	141456	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	65606	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	58955	52.519	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.040%			
35) Dibromofluoromethane	5.385	113	42463	45.645	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 91.280%			
50) Toluene-d8	8.647	98	182700	52.515	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.020%			
62) 4-Bromofluorobenzene	11.079	95	68926	51.452	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.900%			
Target Compounds						Qvalue
6) Chloroethane	1.678	64	22	0.048	ug/l #	43
9) 1,1,2-Trichlorotrifluo...	2.337	101	20	0.024	ug/l #	20
14) Allyl chloride	2.684	41	19	0.013	ug/l #	1
16) Acetone	2.373	43	12597	23.950	ug/l	99
17) Carbon Disulfide	2.514	76	296	0.129	ug/l #	76
20) Methylene Chloride	2.788	84	3896	4.168	ug/l #	87
23) Vinyl Acetate	3.477	43	19	0.008	ug/l #	73
25) 2-Butanone	4.562	43	6670	9.123	ug/l #	82
37) Ethyl Acetate	4.739	43	2171m	1.478	ug/l	
39) Methylcyclohexane	7.385	83	75	0.046	ug/l #	30
41) Methacrylonitrile	5.013	41	109	0.146	ug/l #	1
42) 1,2-Dichloroethane	6.092	62	45	0.030	ug/l #	77
43) Isopropyl Acetate	6.342	43	61875	26.703	ug/l	99
64) Tetrachloroethene	9.281	164	55	0.060	ug/l #	25
65) Chlorobenzene	10.073	112	478	0.163	ug/l	98
67) Ethyl Benzene	10.195	91	315	0.060	ug/l #	79
68) m/p-Xylenes	10.299	106	146	0.074	ug/l #	41
70) Styrene	10.665	104	125	0.040	ug/l #	24
73) Isopropylbenzene	10.957	105	256	0.054	ug/l #	49
75) 1,1,2,2-Tetrachloroethane	11.280	83	19	0.011	ug/l #	26
78) n-propylbenzene	11.451	91	422	0.073	ug/l	90
79) 2-Chlorotoluene	11.372	91	304	0.087	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.457	105	287	0.071	ug/l	68
82) 4-Chlorotoluene	11.451	91	422	0.105	ug/l #	70
83) tert-Butylbenzene	11.713	119	190	0.049	ug/l #	28
84) 1,2,4-Trimethylbenzene	11.750	105	203	0.050	ug/l	72
85) sec-Butylbenzene	11.884	105	338	0.066	ug/l #	78
86) p-Isopropyltoluene	12.006	119	275	0.066	ug/l #	1
87) 1,3-Dichlorobenzene	11.975	146	215	0.098	ug/l	82
88) 1,4-Dichlorobenzene	11.975	146	215	0.096	ug/l	81
89) n-Butylbenzene	12.335	91	587	0.144	ug/l	82
91) 1,2-Dichlorobenzene	12.335	146	185	0.088	ug/l #	47
93) 1,2,4-Trichlorobenzene	13.591	180	241	0.182	ug/l #	77
95) Naphthalene	13.774	128	567	0.126	ug/l #	69
96) 1,2,3-Trichlorobenzene	13.963	180	189	0.145	ug/l #	82

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

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

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