Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072423\
Data File : VX036631.D
Acq On : 24 Jul 2023 15:46
Operator : JC/MD
Sample : 03722-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jul 25 06:36:18 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

Instrument :
MSVOA_X
ClientSampleId :
33714

Manual Integrations APPROVED

Reviewed By :John Carlone

07/25/2023

Supervised By :Mahesh Sapkota

07/26/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	161633	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	284848	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	259594	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	116549	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	107365	44.893	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 89.780%			
35) Dibromofluoromethane	5.385	113	90821	46.387	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 92.780%			
50) Toluene-d8	8.647	98	341657	49.208	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.420%			
62) 4-Bromofluorobenzene	11.079	95	128646	49.111	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.220%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.325	85	26	0.012	ug/l #	41
4) Vinyl Chloride	1.368	62	45	0.023	ug/l #	1
6) Chloroethane	1.691	64	86	0.089	ug/l #	43
8) Diethyl Ether	2.209	74	20	0.017	ug/l #	1
9) 1,1,2-Trichlorotrifluo...	2.325	101	182	0.099	ug/l #	70
12) 1,1-Dichloroethene	2.313	96	18	0.010	ug/l #	1
14) Allyl chloride	2.660	41	139	0.039	ug/l #	49
15) Acrylonitrile	3.148	53	24	0.021	ug/l #	17
16) Acetone	2.386	43	34154	34.415	ug/l	92
17) Carbon Disulfide	2.514	76	6067	1.215	ug/l	100
18) Methyl Acetate	2.709	43	538	0.129	ug/l #	53
19) Methyl tert-butyl Ether	3.111	73	185	0.027	ug/l #	54
20) Methylene Chloride	2.788	84	1078	0.488	ug/l #	85
22) Diisopropyl ether	3.770	45	52	0.008	ug/l #	76
23) Vinyl Acetate	3.739	43	42	0.008	ug/l #	73
25) 2-Butanone	4.568	43	6076	3.774	ug/l	98
26) 2,2-Dichloropropane	4.233	77	21	0.006	ug/l #	54
29) Tetrahydrofuran	4.995	42	72	0.069	ug/l #	34
30) Chloroform	5.105	83	457	0.118	ug/l	91
32) 1,1,1-Trichloroethane	5.556	97	20	0.006	ug/l #	1
37) Ethyl Acetate	4.684	43	255	0.077	ug/l #	69
39) Methylcyclohexane	7.379	83	208	0.057	ug/l #	36
40) Benzene	6.031	78	261	0.031	ug/l #	51
41) Methacrylonitrile	4.922	41	218	0.123	ug/l #	52
42) 1,2-Dichloroethane	6.086	62	146	0.047	ug/l #	77
43) Isopropyl Acetate	6.367	43	651	0.114	ug/l #	62
47) Bromodichloromethane	8.043	83	25	0.008	ug/l #	26
48) Methyl methacrylate	7.714	41	59	0.022	ug/l #	30
51) 4-Methyl-2-Pentanone	8.574	43	6136	1.950	ug/l	94
52) Toluene	8.720	92	2558	0.481	ug/l	98
55) 1,1,2-Trichloroethane	9.110	97	200	0.089	ug/l #	17
56) Ethyl methacrylate	9.098	69	105	0.029	ug/l #	1
59) 2-Hexanone	9.439	43	1064	0.456	ug/l	99
67) Ethyl Benzene	10.195	91	11391	1.090	ug/l	97
68) m/p-Xylenes	10.299	106	23102	5.923	ug/l	97
69) o-Xylene	10.640	106	26322	6.761	ug/l	99

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Supervised By :Mahesh Sadekar

07/25/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
73) Isopropylbenzene	10.964	105	10425	1.081	ug/l		97
75) 1,1,2,2-Tetrachloroethane	11.220	83	61	0.019	ug/l	#	93
78) n-propylbenzene	11.305	91	22937	2.056	ug/l		98
80) 1,3,5-Trimethylbenzene	11.451	105	43048	5.335	ug/l		98
84) 1,2,4-Trimethylbenzene	11.750	105	170444	21.121	ug/l		97
85) sec-Butylbenzene	11.890	105	15325	1.550	ug/l		94
86) p-Isopropyltoluene	12.006	119	9441	1.161	ug/l		92
87) 1,3-Dichlorobenzene	11.963	146	94	0.023	ug/l	#	6
88) 1,4-Dichlorobenzene	12.043	146	153	0.038	ug/l	#	1
89) n-Butylbenzene	12.329	91	22767m	3.127	ug/l		
91) 1,2-Dichlorobenzene	12.335	146	22	0.006	ug/l	#	24
93) 1,2,4-Trichlorobenzene	13.591	180	150	0.062	ug/l	#	1
95) Naphthalene	13.774	128	201584	23.916	ug/l		100
96) 1,2,3-Trichlorobenzene	13.963	180	116	0.049	ug/l	#	1

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

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07/26/2023

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