Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011121\
Data File : BP004495.D
Acq On : 11 Jan 2021 15:16
Operator : CG/JU
Sample : M1053-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BFN59

Manual Integrations APPROVED
mohammad
1/12/2021 8:48:15 AM

Quant Time: Jan 11 16:20:38 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SOM-EPA-BP121820MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 24 16:46:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	193409	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	731123	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.47	164	452085	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.23	188	980015	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	1010011	20.00	ng/ul	0.00
86) Perylene-d12	23.69	264	1062828	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.32	96	15247	3.28	ng/uL	0.00
5) Phenol-d5	6.99	99	296564	17.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	147165	15.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	252138	18.36	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	231003	17.27	ng/ul	0.00
19) Nitrobenzene-d5	8.98	128	111928	17.69	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	128439	18.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	255165	19.94	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	150958	10.40	ng/ul	0.00
44) Dimethylphthalate-d6	13.88	166	690767	19.09	ng/ul	0.00
47) Acenaphthylene-d8	14.16	160	948183	21.10	ng/ul	0.00
52) 4-Nitrophenol-d4	14.69	143	95486	14.61	ng/ul	0.02
58) Fluorene-d10	15.47	176	655859	20.72	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.60	200	67766	10.72	ng/ul	0.01
71) Anthracene-d10	17.33	188	1019086	21.05	ng/ul	0.00
79) Pyrene-d10	19.57	212	1180191	21.87	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.54	264	1313132	22.43	ng/ul	0.01
Target Compounds						Qvalue
6) Phenol	7.02	94	32096	1.900	ng/ul	95
50) Acenaphthene	14.54	153	168020	5.463	ng/ul	99
54) Dibenzofuran	14.87	168	103486	2.389	ng/ul	98
59) Fluorene	15.53	166	121025	3.449	ng/ul	99
70) Phenanthrene	17.28	178	2091093	36.742	ng/ul	100
72) Anthracene	17.37	178	581798	10.208	ng/ul	100
75) Carbazole	17.64	167	183409	3.892	ng/ul	97
77) Fluoranthene	19.25	202	2714379	42.046	ng/ul	98
80) Pyrene	19.60	202	2363361	34.361	ng/ul	97
83) Benzo(a)anthracene	21.32	228	1280300	18.808	ng/ul	97
85) Chrysene	21.36	228	1148716	17.478	ng/ul	97
88) Benzo(b)fluoranthene	22.98	252	1355712	19.557	ng/ul	98
89) Benzo(k)fluoranthene	23.02	252	431443m	6.415	ng/ul	
91) Benzo(a)pyrene	23.59	252	989351	15.473	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	26.13	276	592722	7.336	ng/ul#	94
93) Dibenzo(a,h)anthracene	26.13	278	170499	2.534	ng/ul#	83
94) Benzo(g,h,i)perylene	26.87	276	528911	7.803	ng/ul	97

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

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