Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122120\
Data File : BP004403.D
Acq On : 21 Dec 2020 11:24
Operator : CG/JU
Sample : L5134-01DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BFN58DL

Manual Integrations APPROVED
mohammad
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Quant Time: Dec 21 12:31:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 18 17:12:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	290828	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	1102766	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.47	164	588977	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.23	188	1120101	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	1142635	20.00	ng/ul	0.00
86) Perylene-d12	23.69	264	1354048	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.32	96	4070	0.58	ng/uL	0.00
5) Phenol-d5	6.99	99	66723	2.64	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	41895	2.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	56679	2.74	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	42065	2.09	ng/ul	0.00
19) Nitrobenzene-d5	8.98	128	28093	2.94	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	27950	2.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	50009	2.59	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	34518	1.58	ng/ul	0.00
44) Dimethylphthalate-d6	13.87	166	143542	3.04	ng/ul	0.00
47) Acenaphthylene-d8	14.16	160	190509	3.25	ng/ul	0.00
52) 4-Nitrophenol-d4	14.68	143	7527	0.88	ng/ul	0.01
58) Fluorene-d10	15.47	176	123534	3.00	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.60	200	6263	0.87	ng/ul	0.00
71) Anthracene-d10	17.33	188	176694	3.19	ng/ul	0.00
79) Pyrene-d10	19.57	212	196294	3.22	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.53	264	243208	3.26	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.67	128	81548	1.316	ng/ul	98
48) Acenaphthylene	14.19	152	110674	1.935	ng/ul	98
50) Acenaphthene	14.53	153	73627	1.837	ng/ul	99
54) Dibenzofuran	14.87	168	86909	1.540	ng/ul	98
59) Fluorene	15.52	166	77599m	1.697	ng/ul	
70) Phenanthrene	17.27	178	1621067	24.921	ng/ul	100
72) Anthracene	17.36	178	331409	5.087	ng/ul	100
75) Carbazole	17.64	167	132216	2.455	ng/ul	97
77) Fluoranthene	19.25	202	2526772	34.245	ng/ul	99
80) Pyrene	19.60	202	2286737	29.388	ng/ul	99
83) Benzo(a)anthracene	21.32	228	1159206	15.052	ng/ul	96
85) Chrysene	21.36	228	1029673	13.848	ng/ul	97
88) Benzo(b)fluoranthene	22.97	252	1498029	16.962	ng/ul	99
89) Benzo(k)fluoranthene	23.02	252	546445m	6.377	ng/ul	
91) Benzo(a)pyrene	23.59	252	1160631	14.247	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	26.11	276	864781	8.402	ng/ul	96
93) Dibenzo(a,h)anthracene	26.12	278	193779	2.260	ng/ul#	81
94) Benzo(g,h,i)perylene	26.86	276	713613	8.264	ng/ul	98

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

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