Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111819\
Data File : BF117828.D
Acq On : 18 Nov 2019 11:59
Operator : JU
Sample : PB124881BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB124881BS

Manual Integrations APPROVED
mohammad
11/19/2019 2:35:24 PM

Quant Time: Nov 18 12:48:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 18:36:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	251530	20.00	ng		0.00
21) Naphthalene-d8	8.21	136	1022043	20.00	ng		0.00
39) Acenaphthene-d10	9.97	164	544136	20.00	ng		0.00
64) Phenanthrene-d10	11.46	188	996479	20.00	ng		0.00
76) Chrysene-d12	14.12	240	642490	20.00	ng		0.00
87) Perylene-d12	15.62	264	493663	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	1668263	117.40	ng		0.01
7) Phenol-d6	6.55	99	2054004	119.84	ng		0.00
23) Nitrobenzene-d5	7.49	82	1106154	64.34	ng		0.00
42) 2,4,6-Tribromophenol	10.77	330	664731	115.39	ng		0.00
45) 2-Fluorobiphenyl	9.29	172	2159065	71.19	ng		0.00
79) Terphenyl-d14	13.05	244	2206801	62.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.83	88	254439	38.306	ng		100
3) Pyridine	3.57	79	627847	36.034	ng		99
4) n-Nitrosodimethylamine	3.53	42	319861	42.055	ng		97
6) Aniline	6.58	93	670317	29.596	ng		99
8) 2-Chlorophenol	6.71	128	706579	45.825	ng		97
9) Benzaldehyde	6.47	77	349601	29.015	ng		99
10) Phenol	6.56	94	804995	45.198	ng		99
11) bis(2-Chloroethyl)ether	6.66	93	631398	44.146	ng		97
12) 1,3-Dichlorobenzene	6.86	146	766828	42.243	ng		99
13) 1,4-Dichlorobenzene	6.94	146	794192	43.283	ng		99
14) 1,2-Dichlorobenzene	7.09	146	752019	42.854	ng		99
15) Benzyl Alcohol	7.06	79	618568	46.746	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.20	45	902576	40.989	ng		99
17) 2-Methylphenol	7.17	107	595060	45.572	ng		99
18) Hexachloroethane	7.44	117	284587	42.220	ng		96
19) n-Nitroso-di-n-propylamine	7.33	70	465733	44.046	ng		99
20) 3+4-Methylphenols	7.32	107	727265	44.869	ng	#	85
22) Acetophenone	7.33	105	953085	41.507	ng		98
24) Nitrobenzene	7.50	77	751717	42.382	ng		100
25) Isophorone	7.75	82	1321763	41.945	ng		98
26) 2-Nitrophenol	7.82	139	400022	46.337	ng		98
27) 2,4-Dimethylphenol	7.85	122	666005	49.648	ng		99
28) bis(2-Chloroethoxy)methane	7.95	93	797395	39.877	ng		99
29) 2,4-Dichlorophenol	8.06	162	612115	42.067	ng		97
30) 1,2,4-Trichlorobenzene	8.15	180	682724	40.450	ng		99
31) Naphthalene	8.23	128	2065047	43.341	ng		100
32) Benzoic acid	7.97	122	511703	45.557	ng		97
33) 4-Chloroaniline	8.27	127	452257	21.202	ng		98
34) Hexachlorobutadiene	8.35	225	380252	38.533	ng		100
35) Caprolactam	8.65	113	196392m	42.467	ng		
36) 4-Chloro-3-methylphenol	8.76	107	637420	43.164	ng		99
37) 2-Methylnaphthalene	8.93	142	1397328	43.404	ng		99
38) 1-Methylnaphthalene	9.03	142	1321793	43.429	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.09	216	613357	38.815	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.08	237	761414	85.981 ng	97
43) 2,4,6-Trichlorophenol	9.20	196	467974	41.346 ng	97
44) 2,4,5-Trichlorophenol	9.24	196	494402	42.071 ng	99
46) 1,1'-Biphenyl	9.39	154	1669657	41.359 ng	99
47) 2-Chloronaphthalene	9.42	162	1325293	39.906 ng	99
48) 2-Nitroaniline	9.51	65	404450	40.339 ng	94
49) Acenaphthylene	9.83	152	2048020	42.298 ng	100
50) Dimethylphthalate	9.69	163	1511934	39.624 ng	99
51) 2,6-Dinitrotoluene	9.75	165	353586	42.400 ng	94
52) Acenaphthene	10.01	154	1385071	44.655 ng	99
53) 3-Nitroaniline	9.92	138	264895	26.546 ng	95
54) 2,4-Dinitrophenol	10.03	184	347286	80.954 ng	94
55) Dibenzofuran	10.18	168	1790275	41.682 ng	100
56) 4-Nitrophenol	10.08	139	627013	84.181 ng	95
57) 2,4-Dinitrotoluene	10.16	165	465835	43.913 ng	98
58) Fluorene	10.53	166	1362094	40.924 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.30	232	401058	41.535 ng	99
60) Diethylphthalate	10.39	149	1480930	39.809 ng	100
61) 4-Chlorophenyl-phenylether	10.52	204	679762	40.244 ng	96
62) 4-Nitroaniline	10.54	138	350337	35.064 ng	100
63) Azobenzene	10.67	77	1382634	40.853 ng	98
65) 4,6-Dinitro-2-methylphenol	10.57	198	234043	50.311 ng	97
66) n-Nitrosodiphenylamine	10.63	169	1219857	42.063 ng	99
67) 4-Bromophenyl-phenylether	11.01	248	432327	40.209 ng	95
68) Hexachlorobenzene	11.07	284	498578	39.768 ng	97
69) Atrazine	11.16	200	417054	43.717 ng	99
70) Pentachlorophenol	11.27	266	596464	81.433 ng	99
71) Phenanthrene	11.49	178	2028406	40.487 ng	99
72) Anthracene	11.55	178	2089424	42.064 ng	100
73) Carbazole	11.69	167	1837173	42.325 ng	100
74) Di-n-butylphthalate	12.03	149	2138815	39.575 ng	99
75) Fluoranthene	12.68	202	2051970	44.973 ng	97
77) Benzidine	12.80	184	217840	10.351 ng	99
78) Pyrene	12.91	202	2056114	39.599 ng	99
80) Butylbenzylphthalate	13.53	149	857656	38.458 ng	95
81) Benzo(a)anthracene	14.10	228	1699931	40.039 ng	100
82) 3,3'-Dichlorobenzidine	14.06	252	489971	32.992 ng	99
83) Chrysene	14.14	228	1655086	40.230 ng	99
84) Bis(2-ethylhexyl)phthalate	14.09	149	1075029	39.762 ng	98
85) Di-n-octyl phthalate	14.70	149	1615204	40.665 ng	100
86) Indeno(1,2,3-cd)pyrene	17.15	276	1304967	37.269 ng	100
88) Benzo(b)fluoranthene	15.17	252	1365059	42.560 ng	99
89) Benzo(k)fluoranthene	15.20	252	1373712	45.456 ng	98
90) Benzo(a)pyrene	15.56	252	1188996	42.158 ng	99
91) Dibenzo(a,h)anthracene	17.17	278	1073137	44.207 ng	98
92) Benzo(g,h,i)perylene	17.62	276	1109946	45.906 ng	99

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

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