Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121719\
Data File : BF118226.D
Acq On : 17 Dec 2019 15:02
Operator : JU
Sample : K6284-01MS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
42-SPRUCEMS

Manual Integrations APPROVED
mohammad
12/18/2019 2:41:06 PM

Quant Time: Dec 18 05:33:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 06 17:34:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	137124	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	547997	20.00	ng	-0.01
39) Acenaphthene-d10	9.91	164	298297	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	575380	20.00	ng	0.00
76) Chrysene-d12	14.06	240	384526	20.00	ng	0.00
87) Perylene-d12	15.54	264	336410	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	732826	93.60	ng	0.00
7) Phenol-d6	6.50	99	936235	98.87	ng	0.00
23) Nitrobenzene-d5	7.43	82	567034	58.21	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	345256	95.28	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1201826	61.31	ng	-0.01
79) Terphenyl-d14	12.99	244	1472379	65.85	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.67	88	106642	32.304	ng	99
3) Pyridine	3.43	79	267803	31.443	ng	98
4) n-Nitrosodimethylamine	3.38	42	136904	37.365	ng	99
6) Aniline	6.52	93	185004	15.273	ng	96
8) 2-Chlorophenol	6.65	128	360290	40.812	ng	97
9) Benzaldehyde	6.40	77	120950	20.482	ng	94
10) Phenol	6.51	94	441216	40.856	ng	99
11) bis(2-Chloroethyl)ether	6.59	93	305726	39.143	ng	97
12) 1,3-Dichlorobenzene	6.80	146	386462	37.475	ng	99
13) 1,4-Dichlorobenzene	6.87	146	396418	38.174	ng	99
14) 1,2-Dichlorobenzene	7.03	146	370959	38.039	ng	97
15) Benzyl Alcohol	7.00	79	300142	40.604	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	352875	37.575	ng	96
17) 2-Methylphenol	7.12	107	287218	40.906	ng	99
18) Hexachloroethane	7.37	117	143369	37.468	ng	93
19) n-Nitroso-di-n-propylamine	7.27	70	229472	39.879	ng	99
20) 3+4-Methylphenols	7.27	107	368569	41.791	ng	96
22) Acetophenone	7.27	105	489841	37.207	ng	98
24) Nitrobenzene	7.45	77	356083	37.207	ng	98
25) Isophorone	7.69	82	635422	38.481	ng	100
26) 2-Nitrophenol	7.76	139	201624	39.417	ng	97
27) 2,4-Dimethylphenol	7.80	122	298307	43.720	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	400432	37.111	ng	99
29) 2,4-Dichlorophenol	8.00	162	312076	39.234	ng	98
30) 1,2,4-Trichlorobenzene	8.09	180	335323	36.073	ng	98
31) Naphthalene	8.17	128	1051519	38.207	ng	99
32) Benzoic acid	7.93	122	148148	24.048	ng	99
33) 4-Chloroaniline	8.22	127	89345	7.518	ng	97
34) Hexachlorobutadiene	8.28	225	199076	35.714	ng	99
35) Caprolactam	8.59	113	95516m	38.939	ng	
36) 4-Chloro-3-methylphenol	8.71	107	330873	39.528	ng	99
37) 2-Methylnaphthalene	8.86	142	730603	39.212	ng	99
38) 1-Methylnaphthalene	8.96	142	673617	38.504	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	332392	36.783	ng	99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	335609	82.891	ng		97
43) 2,4,6-Trichlorophenol	9.15	196	227429	37.694	ng		99
44) 2,4,5-Trichlorophenol	9.19	196	245297	39.242	ng		94
46) 1,1'-Biphenyl	9.33	154	890881	37.867	ng		99
47) 2-Chloronaphthalene	9.36	162	689360	36.426	ng		98
48) 2-Nitroaniline	9.45	65	189438	35.102	ng		97
49) Acenaphthylene	9.77	152	1099848	39.403	ng		99
50) Dimethylphthalate	9.63	163	880814	39.976	ng		99
51) 2,6-Dinitrotoluene	9.70	165	188445	39.333	ng		91
52) Acenaphthene	9.95	154	633008	37.155	ng		99
53) 3-Nitroaniline	9.86	138	88937	15.774	ng		96
54) 2,4-Dinitrophenol	9.98	184	161104	67.588	ng		96
55) Dibenzofuran	10.12	168	968855	38.810	ng		99
56) 4-Nitrophenol	10.04	139	283842	72.539	ng		99
57) 2,4-Dinitrotoluene	10.10	165	248362	38.838	ng		95
58) Fluorene	10.46	166	773298	38.979	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.24	232	206009	39.947	ng		98
60) Diethylphthalate	10.33	149	862404	39.726	ng		99
61) 4-Chlorophenyl-phenylether	10.45	204	385979	38.668	ng		98
62) 4-Nitroaniline	10.49	138	204197	34.724	ng		99
63) Azobenzene	10.62	77	737235	39.782	ng		95
65) 4,6-Dinitro-2-methylphenol	10.52	198	125369	39.454	ng		96
66) n-Nitrosodiphenylamine	10.57	169	702743	39.111	ng		99
67) 4-Bromophenyl-phenylether	10.95	248	244774	37.267	ng		95
68) Hexachlorobenzene	11.02	284	279840	36.198	ng	#	91
69) Atrazine	11.10	200	214286	44.568	ng		98
70) Pentachlorophenol	11.21	266	270412	74.380	ng		99
71) Phenanthrene	11.43	178	1226545	40.101	ng		99
72) Anthracene	11.48	178	1203893	39.456	ng		99
73) Carbazole	11.64	167	1035022	37.807	ng		99
74) Di-n-butylphthalate	11.96	149	1396665	40.765	ng		99
75) Fluoranthene	12.63	202	1309545	41.876	ng		99
77) Benzidine	12.74	184	231059	22.826	ng		99
78) Pyrene	12.86	202	1345100	44.389	ng		99
80) Butylbenzylphthalate	13.47	149	575061	41.904	ng		98
81) Benzo(a)anthracene	14.05	228	1068258	40.177	ng		100
82) 3,3'-Dichlorobenzidine	14.00	252	105764	12.112	ng		96
83) Chrysene	14.09	228	1007737	39.677	ng		99
84) Bis(2-ethylhexyl)phthalate	14.03	149	842602	46.563	ng		98
85) Di-n-octyl phthalate	14.64	149	1297977	47.351	ng		100
86) Indeno(1,2,3-cd)pyrene	17.06	276	878011	41.086	ng		100
88) Benzo(b)fluoranthene	15.11	252	938133	42.165	ng		99
89) Benzo(k)fluoranthene	15.14	252	795508m	37.219	ng		
90) Benzo(a)pyrene	15.49	252	806354	41.035	ng		99
91) Dibenzo(a,h)anthracene	17.07	278	719234	42.674	ng		99
92) Benzo(g,h,i)perylene	17.52	276	714051	44.089	ng		99

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

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