Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101719\
Data File : BF117429.D
Acq On : 17 Oct 2019 18:47
Operator : JU
Sample : K5152-09MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-01-101519MS

Manual Integrations APPROVED
mohammad
10/20/2019 8:11:48 PM

Quant Time: Oct 18 09:42:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 14 19:03:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	48130	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	195248	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	101119	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	173632	20.00	ng		0.00
76) Chrysene-d12	13.96	240	132629	20.00	ng		0.00
87) Perylene-d12	15.41	264	125256	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	400478	128.03	ng		0.02
7) Phenol-d6	6.45	99	536018	129.15	ng		0.00
23) Nitrobenzene-d5	7.36	82	337276	87.56	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	124341	151.09	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	616638	88.90	ng		0.00
79) Terphenyl-d14	12.90	244	692007	85.06	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.67	88	49033	38.076	ng	#	87
3) Pyridine	3.42	79	104705	31.949	ng		98
4) n-Nitrosodimethylamine	3.31	42	51415	44.520	ng		84
6) Aniline	6.46	93	59059	11.391	ng	#	31
8) 2-Chlorophenol	6.59	128	144292	41.490	ng		96
9) Benzaldehyde	6.35	77	58555	25.347	ng		97
10) Phenol	6.46	94	201108	44.883	ng		79
11) bis(2-Chloroethyl)ether	6.53	93	140579	41.266	ng		98
12) 1,3-Dichlorobenzene	6.73	146	111841	28.757	ng		98
13) 1,4-Dichlorobenzene	6.81	146	117330	29.595	ng		97
14) 1,2-Dichlorobenzene	6.96	146	112304	29.991	ng		98
15) Benzyl Alcohol	6.95	79	134342	42.308	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.06	45	134687	37.653	ng	#	58
17) 2-Methylphenol	7.06	107	119625	41.203	ng		93
18) Hexachloroethane	7.30	117	40641	26.366	ng		90
19) n-Nitroso-di-n-propylamine	7.21	70	109782	41.485	ng		95
20) 3+4-Methylphenols	7.22	107	160386	42.903	ng		95
22) Acetophenone	7.20	105	217395	42.431	ng	#	94
24) Nitrobenzene	7.37	77	161251	41.793	ng		97
25) Isophorone	7.62	82	299430	43.640	ng		99
26) 2-Nitrophenol	7.69	139	76482	44.677	ng		94
27) 2,4-Dimethylphenol	7.73	122	131677	50.611	ng		99
28) bis(2-Chloroethoxy)methane	7.82	93	178918	42.063	ng		96
29) 2,4-Dichlorophenol	7.95	162	119155	44.385	ng		96
30) 1,2,4-Trichlorobenzene	8.02	180	101625	35.116	ng		99
31) Naphthalene	8.09	128	383270	39.307	ng		99
32) Benzoic acid	7.89	122	60667	36.450	ng		93
33) 4-Chloroaniline	8.16	127	37450	9.044	ng		96
34) Hexachlorobutadiene	8.21	225	53034	31.997	ng		98
35) Caprolactam	8.53	113	38689m	46.020	ng		
36) 4-Chloro-3-methylphenol	8.65	107	144946	47.450	ng		97
37) 2-Methylnaphthalene	8.79	142	273822	41.587	ng		98
38) 1-Methylnaphthalene	8.88	142	257247	41.467	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	107662	39.560	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	8.93	237	45040	88.628	ng		92
43) 2,4,6-Trichlorophenol	9.07	196	78400	45.521	ng		98
44) 2,4,5-Trichlorophenol	9.13	196	83958	47.791	ng		95
46) 1,1'-Biphenyl	9.25	154	341324	41.318	ng		97
47) 2-Chloronaphthalene	9.27	162	262471	40.759	ng		99
48) 2-Nitroaniline	9.38	65	89651	43.633	ng		95
49) Acenaphthylene	9.69	152	416691	44.139	ng		99
50) Dimethylphthalate	9.55	163	411460	56.658	ng		99
51) 2,6-Dinitrotoluene	9.62	165	71599	46.906	ng		96
52) Acenaphthene	9.86	154	249601	43.512	ng		99
53) 3-Nitroaniline	9.79	138	30048	16.120	ng		99
54) 2,4-Dinitrophenol	9.92	184	51140	78.329	ng		98
55) Dibenzofuran	10.03	168	380488	45.470	ng		98
56) 4-Nitrophenol	9.98	139	82145	96.562	ng		86
57) 2,4-Dinitrotoluene	10.03	165	98668	48.988	ng		97
58) Fluorene	10.37	166	318455	45.706	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	67100	49.407	ng		98
60) Diethylphthalate	10.25	149	337089	46.049	ng		98
61) 4-Chlorophenyl-phenylether	10.36	204	135615	43.963	ng		88
62) 4-Nitroaniline	10.42	138	76219	43.016	ng		98
63) Azobenzene	10.53	77	347685	46.289	ng		99
65) 4,6-Dinitro-2-methylphenol	10.45	198	41442	45.057	ng		99
66) n-Nitrosodiphenylamine	10.49	169	276670	42.654	ng		98
67) 4-Bromophenyl-phenylether	10.85	248	79945	41.978	ng		92
68) Hexachlorobenzene	10.93	284	80991	39.599	ng		92
69) Atrazine	11.02	200	75671	71.945	ng		98
70) Pentachlorophenol	11.13	266	72947	119.219	ng	#	88
71) Phenanthrene	11.34	178	450598	43.900	ng		98
72) Anthracene	11.39	178	475373	44.864	ng		99
73) Carbazole	11.55	167	444030	46.134	ng		99
74) Di-n-butylphthalate	11.87	149	578398	44.379	ng		99
75) Fluoranthene	12.53	202	481130	47.141	ng		98
77) Benzidine	12.65	184	108601	33.108	ng		98
78) Pyrene	12.76	202	482769	41.179	ng		98
80) Butylbenzylphthalate	13.36	149	249559	42.333	ng		97
81) Benzo(a)anthracene	13.95	228	394646	43.367	ng		100
82) 3,3'-Dichlorobenzidine	13.91	252	52620	18.288	ng		98
83) Chrysene	13.99	228	395432	44.063	ng		99
84) Bis(2-ethylhexyl)phthalate	13.92	149	361312	43.468	ng		95
85) Di-n-octyl phthalate	14.53	149	590802	46.687	ng		99
86) Indeno(1,2,3-cd)pyrene	16.87	276	312623	49.820	ng		98
88) Benzo(b)fluoranthene	15.00	252	335899	43.076	ng		99
89) Benzo(k)fluoranthene	15.02	252	316251	40.810	ng		99
90) Benzo(a)pyrene	15.36	252	299968	43.442	ng		99
91) Dibenzo(a,h)anthracene	16.87	278	264715	44.739	ng		97
92) Benzo(g,h,i)perylene	17.30	276	246414	43.751	ng		96

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

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