Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102119\
Data File : BF117465.D
Acq On : 21 Oct 2019 23:22
Operator : JU
Sample : K5448-01MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SPMSD

Manual Integrations APPROVED
mohammad
10/22/2019 3:29:28 PM

Quant Time: Oct 22 03:25:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 18:53:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	58417	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	243948	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	129151	20.00	ng		0.00
64) Phenanthrene-d10	11.25	188	218692	20.00	ng		0.00
76) Chrysene-d12	13.89	240	179532	20.00	ng		0.00
87) Perylene-d12	15.32	264	186407	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	301709	76.84	ng		0.00
7) Phenol-d6	6.38	99	414633	78.62	ng		0.00
23) Nitrobenzene-d5	7.30	82	259107	52.44	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	88285	79.00	ng		0.00
45) 2-Fluorobiphenyl	9.09	172	442088	48.23	ng		0.00
79) Terphenyl-d14	12.83	244	464450	42.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.42	88	35237	21.344	ng	#	93
3) Pyridine	3.15	79	93058m	23.026	ng		
4) n-Nitrosodimethylamine	3.08	42	37948	25.882	ng		95
6) Aniline	6.40	93	85276	13.773	ng	#	24
8) 2-Chlorophenol	6.52	128	107619	25.973	ng		98
9) Benzaldehyde	6.29	77	63141	21.451	ng		97
10) Phenol	6.39	94	139501	25.916	ng	#	76
11) bis(2-Chloroethyl)ether	6.47	93	102784	25.816	ng		98
12) 1,3-Dichlorobenzene	6.67	146	108642	23.496	ng		95
13) 1,4-Dichlorobenzene	6.75	146	111564	23.784	ng		98
14) 1,2-Dichlorobenzene	6.90	146	104976	23.742	ng		97
15) Benzyl Alcohol	6.89	79	97809	25.958	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.01	45	97371	22.671	ng		80
17) 2-Methylphenol	7.00	107	89102	26.141	ng		97
18) Hexachloroethane	7.24	117	42399	23.158	ng		98
19) n-Nitroso-di-n-propylamine	7.15	70	80251	24.916	ng		99
20) 3+4-Methylphenols	7.16	107	115724	25.895	ng	#	79
22) Acetophenone	7.15	105	155788	24.050	ng		96
24) Nitrobenzene	7.32	77	118188	24.972	ng		98
25) Isophorone	7.56	82	215666	25.229	ng		99
26) 2-Nitrophenol	7.63	139	54217	25.685	ng		88
27) 2,4-Dimethylphenol	7.68	122	90230	28.602	ng		99
28) bis(2-Chloroethoxy)methane	7.76	93	126120	23.910	ng		100
29) 2,4-Dichlorophenol	7.89	162	86193	26.049	ng		97
30) 1,2,4-Trichlorobenzene	7.96	180	86137	24.258	ng		99
31) Naphthalene	8.03	128	310383	25.669	ng		99
32) Benzoic acid	7.83	122	49353	22.841	ng		92
33) 4-Chloroaniline	8.10	127	28005	5.488	ng		98
34) Hexachlorobutadiene	8.15	225	48083	23.395	ng		99
35) Caprolactam	8.46	113	28801m	27.096	ng		
36) 4-Chloro-3-methylphenol	8.59	107	102945	27.280	ng		98
37) 2-Methylnaphthalene	8.73	142	210105	25.787	ng		98
38) 1-Methylnaphthalene	8.82	142	194717	25.433	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	80583	23.166	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.88	237	44366	55.839	ng		97
43) 2,4,6-Trichlorophenol	9.01	196	54293	24.924	ng		96
44) 2,4,5-Trichlorophenol	9.06	196	58480	26.493	ng	#	92
46) 1,1'-Biphenyl	9.19	154	250305	23.411	ng		99
47) 2-Chloronaphthalene	9.22	162	191974	23.814	ng		98
48) 2-Nitroaniline	9.32	65	63935	24.159	ng		88
49) Acenaphthylene	9.63	152	297527	25.127	ng		99
50) Dimethylphthalate	9.49	163	300146	32.600	ng		99
51) 2,6-Dinitrotoluene	9.56	165	48991	25.499	ng		90
52) Acenaphthene	9.80	154	177160	24.386	ng		98
53) 3-Nitroaniline	9.73	138	25960	11.136	ng		94
54) 2,4-Dinitrophenol	9.85	184	29431	39.447	ng		90
55) Dibenzofuran	9.97	168	268431	25.503	ng		96
56) 4-Nitrophenol	9.91	139	56772	54.305	ng		88
57) 2,4-Dinitrotoluene	9.97	165	66933	26.203	ng		87
58) Fluorene	10.32	166	221125	25.405	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	42590m	24.549	ng		
60) Diethylphthalate	10.19	149	237511	25.504	ng		99
61) 4-Chlorophenyl-phenylether	10.30	204	96111	24.612	ng		95
62) 4-Nitroaniline	10.35	138	49495	22.526	ng		88
63) Azobenzene	10.46	77	243240	25.515	ng		98
65) 4,6-Dinitro-2-methylphenol	10.39	198	27726	24.936	ng		94
66) n-Nitrosodiphenylamine	10.43	169	195934	24.507	ng		97
67) 4-Bromophenyl-phenylether	10.79	248	53948	22.902	ng		92
68) Hexachlorobenzene	10.87	284	56399	22.357	ng		92
69) Atrazine	10.96	200	62911	30.928	ng		97
70) Pentachlorophenol	11.07	266	39320	51.993	ng		97
71) Phenanthrene	11.27	178	314169	24.740	ng		97
72) Anthracene	11.33	178	331373	25.432	ng		99
73) Carbazole	11.49	167	310479	26.074	ng		99
74) Di-n-butylphthalate	11.81	149	398795	25.065	ng		98
75) Fluoranthene	12.46	202	335783	26.414	ng		97
77) Benzidine	12.59	184	181277	33.623	ng		97
78) Pyrene	12.69	202	341340	22.135	ng		98
80) Butylbenzylphthalate	13.30	149	173134	22.562	ng		97
81) Benzo(a)anthracene	13.88	228	294524	24.320	ng		99
82) 3,3'-Dichlorobenzidine	13.84	252	50985	13.417	ng		96
83) Chrysene	13.92	228	289757	24.414	ng		97
84) Bis(2-ethylhexyl)phthalate	13.86	149	256753	23.885	ng	#	96
85) Di-n-octyl phthalate	14.47	149	440343	26.643	ng		100
86) Indeno(1,2,3-cd)pyrene	16.73	276	249027	28.103	ng		99
88) Benzo(b)fluoranthene	14.92	252	260470	23.663	ng		97
89) Benzo(k)fluoranthene	14.94	252	260982	23.132	ng		98
90) Benzo(a)pyrene	15.26	252	235069	23.488	ng		99
91) Dibenzo(a,h)anthracene	16.73	278	215313	24.881	ng		98
92) Benzo(g,h,i)perylene	17.14	276	208769	25.497	ng		96

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

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