Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071019\
Data File : BF115478.D
Acq On : 11 Jul 2019 1:41
Operator : HP/JU
Sample : K3687-01MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-206-72-12017MS

Manual Integrations APPROVED
mohammad
7/11/2019 5:22:33 PM

Quant Time: Jul 11 08:00:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 10 16:47:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	130571	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	509634	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	247905	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	467497	20.00	ng		0.00
76) Chrysene-d12	14.06	240	329986	20.00	ng		-0.01
87) Perylene-d12	15.54	264	410566	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	917632	108.58	ng		0.00
7) Phenol-d6	6.52	99	1217705	113.30	ng		0.00
23) Nitrobenzene-d5	7.46	82	750200	86.97	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	336369	122.72	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	1289769	91.29	ng		0.00
79) Terphenyl-d14	13.00	244	1298172	80.55	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	110769	26.722	ng		99
3) Pyridine	3.46	79	287905	25.118	ng		99
4) n-Nitrosodimethylamine	3.39	42	123317	26.531	ng		97
6) Aniline	6.56	93	249852	16.473	ng		97
8) 2-Chlorophenol	6.68	128	318971	33.426	ng		98
9) Benzaldehyde	6.44	77	173882	25.750	ng		97
10) Phenol	6.53	94	407121	31.659	ng		98
11) bis(2-Chloroethyl)ether	6.63	93	297957	31.233	ng		98
12) 1,3-Dichlorobenzene	6.84	146	341685	32.683	ng		98
13) 1,4-Dichlorobenzene	6.91	146	345129	32.957	ng		98
14) 1,2-Dichlorobenzene	7.07	146	324322	33.451	ng		99
15) Benzyl Alcohol	7.03	79	288038	33.397	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	386613	28.983	ng		98
17) 2-Methylphenol	7.15	107	269779	33.000	ng		99
18) Hexachloroethane	7.41	117	117002	29.992	ng		93
19) n-Nitroso-di-n-propylamine	7.30	70	219345	30.165	ng		95
20) 3+4-Methylphenols	7.29	107	335622	34.755	ng		97
22) Acetophenone	7.30	105	440093	36.038	ng	#	98
24) Nitrobenzene	7.47	77	343996	35.313	ng		98
25) Isophorone	7.72	82	617597	33.033	ng		99
26) 2-Nitrophenol	7.79	139	169025	42.204	ng		96
27) 2,4-Dimethylphenol	7.83	122	277361	36.319	ng		99
28) bis(2-Chloroethoxy)methane	7.92	93	380157	32.974	ng		98
29) 2,4-Dichlorophenol	8.03	162	275959	36.280	ng		97
30) 1,2,4-Trichlorobenzene	8.12	180	295342	34.878	ng		99
31) Naphthalene	8.20	128	919464	36.323	ng		99
32) Benzoic acid	7.88	122	26346	10.182	ng		98
33) 4-Chloroaniline	8.24	127	104982	9.295	ng		100
34) Hexachlorobutadiene	8.32	225	163282	34.002	ng		99
35) Caprolactam	8.60	113	92635m	37.393	ng		
36) 4-Chloro-3-methylphenol	8.72	107	293139	36.435	ng		96
37) 2-Methylnaphthalene	8.89	142	616738	36.451	ng		98
38) 1-Methylnaphthalene	8.99	142	579993	35.927	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	287077	40.253	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	134038	32.427	ng		99
43) 2,4,6-Trichlorophenol	9.17	196	198427	38.216	ng		98
44) 2,4,5-Trichlorophenol	9.20	196	208872	38.795	ng	#	94
46) 1,1'-Biphenyl	9.36	154	764117	39.207	ng		98
47) 2-Chloronaphthalene	9.38	162	601250	37.328	ng		99
48) 2-Nitroaniline	9.47	65	182093	38.478	ng		97
49) Acenaphthylene	9.80	152	929538	38.116	ng		98
50) Dimethylphthalate	9.65	163	951378	51.130	ng		99
51) 2,6-Dinitrotoluene	9.71	165	158693	39.325	ng		99
52) Acenaphthene	9.97	154	561668	36.595	ng		99
53) 3-Nitroaniline	9.87	138	92054	19.640	ng		97
54) 2,4-Dinitrophenol	9.98	184	35542	27.613	ng	#	68
55) Dibenzofuran	10.14	168	830939	38.433	ng		100
56) 4-Nitrophenol	10.03	139	274059	75.577	ng		99
57) 2,4-Dinitrotoluene	10.12	165	211614	41.262	ng		89
58) Fluorene	10.48	166	615790	36.131	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.26	232	172213	37.027	ng		99
60) Diethylphthalate	10.35	149	665270	36.324	ng		99
61) 4-Chlorophenyl-phenylether	10.47	204	310584	37.337	ng		97
62) 4-Nitroaniline	10.49	138	149918	32.586	ng		94
63) Azobenzene	10.63	77	652792	34.577	ng		98
65) 4,6-Dinitro-2-methylphenol	10.52	198	44594	24.495	ng		89
66) n-Nitrosodiphenylamine	10.59	169	568107	38.568	ng		100
67) 4-Bromophenyl-phenylether	10.96	248	194799	37.135	ng		96
68) Hexachlorobenzene	11.03	284	215857	36.671	ng		95
69) Atrazine	11.12	200	183444	40.241	ng		99
70) Pentachlorophenol	11.22	266	228557	63.713	ng		98
71) Phenanthrene	11.45	178	941167	38.279	ng		99
72) Anthracene	11.50	178	954089	38.697	ng		99
73) Carbazole	11.65	167	850904	37.725	ng		99
74) Di-n-butylphthalate	11.98	149	1020531	37.438	ng		100
75) Fluoranthene	12.63	202	1122654	43.366	ng		98
77) Benzidine	12.74	184	415827	32.314	ng		98
78) Pyrene	12.86	202	1106529	43.121	ng		99
80) Butylbenzylphthalate	13.47	149	393131	35.064	ng		99
81) Benzo(a)anthracene	14.05	228	818223	38.699	ng		99
82) 3,3'-Dichlorobenzidine	14.00	252	256175	33.391	ng		98
83) Chrysene	14.09	228	902096	41.525	ng		99
84) Bis(2-ethylhexyl)phthalate	14.04	149	512222	36.890	ng		99
85) Di-n-octyl phthalate	14.65	149	906470	36.672	ng		99
86) Indeno(1,2,3-cd)pyrene	17.03	276	898768	51.344	ng		99
88) Benzo(b)fluoranthene	15.10	252	1027719	38.446	ng		99
89) Benzo(k)fluoranthene	15.13	252	848203	35.679	ng		100
90) Benzo(a)pyrene	15.47	252	879149	38.131	ng		99
91) Dibenzo(a,h)anthracene	17.04	278	761639	38.658	ng		99
92) Benzo(g,h,i)perylene	17.47	276	702587	37.676	ng		99

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

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