Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032620\
Data File : BF119567.D
Acq On : 27 Mar 2020 14:29
Operator : CG/JU
Sample : PB127823BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB127823BS

Manual Integrations APPROVED
mohammad
3/30/2020 8:51:11 AM

Quant Time: Mar 27 15:05:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 27 07:52:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	256895	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	1010652	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	546200	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	1064359	20.00	ng		0.00
76) Chrysene-d12	14.02	240	748614	20.00	ng		0.00
87) Perylene-d12	15.47	264	672587	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1304435	80.83	ng		0.01
7) Phenol-d6	6.46	99	1669863	81.00	ng		0.00
23) Nitrobenzene-d5	7.40	82	1491204	80.19	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	518223	91.97	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	2867722	77.78	ng		0.00
79) Terphenyl-d14	12.96	244	3290347	86.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.67	88	243151	30.507	ng		99
3) Pyridine	3.39	79	604951	27.551	ng		99
4) n-Nitrosodimethylamine	3.35	42	379713	35.461	ng		97
6) Aniline	6.49	93	840245	29.533	ng		99
8) 2-Chlorophenol	6.62	128	759647	44.819	ng		99
9) Benzaldehyde	6.38	77	490225	37.487	ng		98
10) Phenol	6.47	94	967575	43.988	ng		95
11) bis(2-Chloroethyl)ether	6.57	93	707878	40.238	ng		99
12) 1,3-Dichlorobenzene	6.77	146	744163	40.567	ng		98
13) 1,4-Dichlorobenzene	6.85	146	754956	41.145	ng		98
14) 1,2-Dichlorobenzene	7.00	146	709617	41.376	ng		98
15) Benzyl Alcohol	6.97	79	662591	42.729	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.11	45	1362907	38.408	ng		99
17) 2-Methylphenol	7.09	107	621686	40.033	ng		97
18) Hexachloroethane	7.35	117	286492	42.606	ng		95
19) n-Nitroso-di-n-propylamine	7.25	70	520466	41.887	ng		98
20) 3+4-Methylphenols	7.24	107	754063	39.621	ng	#	84
22) Acetophenone	7.25	105	978794	40.531	ng		95
24) Nitrobenzene	7.42	77	788097	39.656	ng		99
25) Isophorone	7.66	82	1483150	39.317	ng		99
26) 2-Nitrophenol	7.73	139	403858	51.612	ng		96
27) 2,4-Dimethylphenol	7.77	122	706715	43.679	ng		96
28) bis(2-Chloroethoxy)methane	7.87	93	928909	41.643	ng		99
29) 2,4-Dichlorophenol	7.97	162	641959	43.181	ng		99
30) 1,2,4-Trichlorobenzene	8.06	180	676383	41.139	ng		98
31) Naphthalene	8.15	128	2130136	40.957	ng		99
32) Benzoic acid	7.90	122	501623	48.197	ng		97
33) 4-Chloroaniline	8.19	127	476799	20.007	ng		100
34) Hexachlorobutadiene	8.26	225	380583	41.372	ng		99
35) Caprolactam	8.56	113	202278m	41.574	ng		
36) 4-Chloro-3-methylphenol	8.67	107	702840	43.255	ng		99
37) 2-Methylnaphthalene	8.83	142	1475039	43.214	ng		100
38) 1-Methylnaphthalene	8.93	142	1401600	43.383	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	630873	39.406	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	793475	87.179	ng		99
43) 2,4,6-Trichlorophenol	9.12	196	485691	42.393	ng		99
44) 2,4,5-Trichlorophenol	9.15	196	518244	40.380	ng		99
46) 1,1'-Biphenyl	9.30	154	1780717	40.029	ng		99
47) 2-Chloronaphthalene	9.33	162	1373310	39.411	ng		99
48) 2-Nitroaniline	9.42	65	515001	42.819	ng		95
49) Acenaphthylene	9.75	152	2246713	41.058	ng		98
50) Dimethylphthalate	9.60	163	1654676	42.650	ng		99
51) 2,6-Dinitrotoluene	9.66	165	370122	44.508	ng		90
52) Acenaphthene	9.92	154	1496971	43.882	ng		99
53) 3-Nitroaniline	9.83	138	264533	25.197	ng		98
54) 2,4-Dinitrophenol	9.94	184	340841	93.384	ng		96
55) Dibenzofuran	10.09	168	1995899	40.808	ng		98
56) 4-Nitrophenol	9.99	139	645092	77.890	ng		99
57) 2,4-Dinitrotoluene	10.07	165	501051	47.830	ng		94
58) Fluorene	10.43	166	1516291	41.923	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	427809	44.594	ng		99
60) Diethylphthalate	10.30	149	1723562	43.771	ng		100
61) 4-Chlorophenyl-phenylether	10.42	204	739204	41.794	ng		97
62) 4-Nitroaniline	10.45	138	393115	39.048	ng		97
63) Azobenzene	10.59	77	1629606	41.097	ng		96
65) 4,6-Dinitro-2-methylphenol	10.47	198	235610	52.790	ng		92
66) n-Nitrosodiphenylamine	10.55	169	1409525	40.340	ng		99
67) 4-Bromophenyl-phenylether	10.92	248	489499	40.382	ng		93
68) Hexachlorobenzene	10.98	284	524228	42.255	ng		94
69) Atrazine	11.07	200	442439	46.188	ng		99
70) Pentachlorophenol	11.17	266	575896	79.167	ng		97
71) Phenanthrene	11.39	178	2216923	40.169	ng		100
72) Anthracene	11.44	178	2283971	40.719	ng		99
73) Carbazole	11.60	167	2098979	37.806	ng		99
74) Di-n-butylphthalate	11.93	149	2711166	45.649	ng		99
75) Fluoranthene	12.58	202	2414168	40.419	ng		99
77) Benzidine	12.70	184	1201383	37.921	ng		98
78) Pyrene	12.81	202	2443995	39.780	ng		100
80) Butylbenzylphthalate	13.43	149	1146866	46.154	ng		97
81) Benzo(a)anthracene	14.00	228	1941072	39.873	ng		98
82) 3,3'-Dichlorobenzidine	13.96	252	475676	24.782	ng		99
83) Chrysene	14.04	228	1949467	38.802	ng		100
84) Bis(2-ethylhexyl)phthalate	14.00	149	1490678	50.323	ng	#	97
85) Di-n-octyl phthalate	14.61	149	2638270	50.642	ng		100
86) Indeno(1,2,3-cd)pyrene	16.94	276	1717344	36.294	ng		100
88) Benzo(b)fluoranthene	15.04	252	1902291	42.340	ng		98
89) Benzo(k)fluoranthene	15.08	252	1740890	40.693	ng		99
90) Benzo(a)pyrene	15.42	252	1611562	39.469	ng		98
91) Dibenzo(a,h)anthracene	16.96	278	1435911	40.207	ng		99
92) Benzo(g,h,i)perylene	17.39	276	1429390	39.840	ng		98

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

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