Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121020\
Data File : BF122639.D
Acq On : 10 Dec 2020 10:15
Operator : JU/CG
Sample : PB133460BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB133460BS

Manual Integrations APPROVED
mohammad
12/11/2020 1:21:06 PM

Quant Time: Dec 10 11:57:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 07 12:08:49 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.839	152	168554	20.00	ng		0.00
21) Naphthalene-d8	8.128	136	640490	20.00	ng		0.00
39) Acenaphthene-d10	9.880	164	346950	20.00	ng		0.00
64) Phenanthrene-d10	11.369	188	636603	20.00	ng		0.00
76) Chrysene-d12	14.010	240	526374	20.00	ng		0.00
86) Perylene-d12	15.468	264	490770	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	1220561	114.64	ng		0.02
7) Phenol-d6	6.481	99	1586902	112.39	ng		0.00
23) Nitrobenzene-d5	7.404	82	887580	69.43	ng		0.00
42) 2,4,6-Tribromophenol	10.675	330	513719	113.12	ng		0.00
45) 2-Fluorobiphenyl	9.204	172	1702897	66.39	ng		0.00
79) Terphenyl-d14	12.951	244	1980589	65.86	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.710	88	206648	41.29	ng		99
3) Pyridine	3.440	79	565869	42.78	ng		99
4) n-Nitrosodimethylamine	3.404	42	227435	42.88	ng		94
6) Aniline	6.504	93	546386	32.87	ng		99
8) 2-Chlorophenol	6.628	128	523624	44.62	ng		99
9) Benzaldehyde	6.387	77	73753	8.63	ng		99
10) Phenol	6.492	94	628033	42.92	ng		99
11) bis(2-Chloroethyl)ether	6.581	93	493554	44.15	ng		99
12) 1,3-Dichlorobenzene	6.781	146	583787	42.04	ng		98
13) 1,4-Dichlorobenzene	6.857	146	585955	41.85	ng		98
14) 1,2-Dichlorobenzene	7.010	146	544670	40.30	ng		98
15) Benzyl Alcohol	6.987	79	433312	44.57	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.116	45	647020	40.59	ng		100
17) 2-Methylphenol	7.098	107	435212	46.65	ng		99
18) Hexachloroethane	7.351	117	208123	41.71	ng		97
19) n-Nitroso-di-n-propyla...	7.257	70	350973	43.39	ng		97
20) 3+4-Methylphenols	7.251	107	504444	42.81	ng		93
22) Acetophenone	7.251	105	672636	42.24	ng	#	95
24) Nitrobenzene	7.428	77	544930	42.85	ng		97
25) Isophorone	7.663	82	975963	44.33	ng		99
26) 2-Nitrophenol	7.739	139	287593	46.37	ng		97
27) 2,4-Dimethylphenol	7.781	122	465490	51.20	ng		98
28) bis(2-Chloroethoxy)met...	7.875	93	624048	41.39	ng		99
29) 2,4-Dichlorophenol	7.986	162	460061	43.33	ng		98
30) 1,2,4-Trichlorobenzene	8.069	180	487597	40.54	ng		99
31) Naphthalene	8.151	128	1510769	42.75	ng		99
32) Benzoic acid	7.922	122	300412	41.47	ng		96
33) 4-Chloroaniline	8.192	127	372598	25.22	ng		99
34) Hexachlorobutadiene	8.263	225	287784	38.87	ng		99
35) Caprolactam	8.575	113	94288	29.49	ng		97
36) 4-Chloro-3-methylphenol	8.681	107	472949	45.23	ng		97
37) 2-Methylnaphthalene	8.839	142	1008570	43.14	ng		98
38) 1-Methylnaphthalene	8.939	142	938253	42.42	ng		100
40) 1,2,4,5-Tetrachloroben...	9.010	216	474412	41.28	ng		99
41) Hexachlorocyclopentadiene	8.992	237	505385	99.47	ng		97
43) 2,4,6-Trichlorophenol	9.116	196	331912	41.82	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	348131	42.44	ng	98
46) 1,1'-Biphenyl	9.304	154	1207675	41.94	ng	99
47) 2-Chloronaphthalene	9.328	162	962511	40.35	ng	99
48) 2-Nitroaniline	9.428	65	281317	40.45	ng	98
49) Acenaphthylene	9.745	152	1480867	42.03	ng	100
50) Dimethylphthalate	9.610	163	1139565	41.13	ng	99
51) 2,6-Dinitrotoluene	9.669	165	264234	45.15	ng	99
52) Acenaphthene	9.916	154	1034995m	45.40	ng	
53) 3-Nitroaniline	9.833	138	179177	26.50	ng	95
54) 2,4-Dinitrophenol	9.945	184	260961	91.21	ng	98
55) Dibenzofuran	10.086	168	1352874	42.19	ng	99
56) 4-Nitrophenol	10.004	139	401238	83.21	ng	90
57) 2,4-Dinitrotoluene	10.075	165	347070	44.52	ng	94
58) Fluorene	10.433	166	1043850	40.92	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	302930	42.03	ng	100
60) Diethylphthalate	10.304	149	1106257	41.05	ng	100
61) 4-Chlorophenyl-phenyle...	10.422	204	504005	40.13	ng	97
62) 4-Nitroaniline	10.451	138	262133	38.19	ng	96
63) Azobenzene	10.580	77	1036960	41.86	ng	99
65) 4,6-Dinitro-2-methylph...	10.486	198	188340	48.52	ng	90
66) n-Nitrosodiphenylamine	10.545	169	939280	41.76	ng	99
67) 4-Bromophenyl-phenylether	10.910	248	349750	40.54	ng	97
68) Hexachlorobenzene	10.980	284	385216	40.39	ng	99
69) Atrazine	11.069	200	270085	36.97	ng	99
70) Pentachlorophenol	11.174	266	435833	86.26	ng	99
71) Phenanthrene	11.392	178	1570261	41.51	ng	100
72) Anthracene	11.445	178	1616079	43.08	ng	100
73) Carbazole	11.598	167	1440560	42.34	ng	100
74) Di-n-butylphthalate	11.927	149	1671456	39.10	ng	100
75) Fluoranthene	12.580	202	1660344	41.85	ng	100
77) Benzidine	12.698	184	642096	56.40	ng	99
78) Pyrene	12.810	202	1666469	40.95	ng	100
80) Butylbenzylphthalate	13.427	149	718515	39.20	ng	97
81) Benzo(a)anthracene	13.998	228	1473147	41.88	ng	98
82) 3,3'-Dichlorobenzidine	13.957	252	402468	31.94	ng	97
83) Chrysene	14.039	228	1464309	41.83	ng	100
84) Bis(2-ethylhexyl)phtha...	13.986	149	965371	38.46	ng	99
85) Di-n-octyl phthalate	14.598	149	1616625	38.82	ng	99
87) Indeno(1,2,3-cd)pyrene	16.933	276	1340219	41.60	ng	99
88) Benzo(b)fluoranthene	15.045	252	1567930	45.54	ng	99
89) Benzo(k)fluoranthene	15.080	252	1293932	41.10	ng	99
90) Benzo(a)pyrene	15.409	252	1262346	41.90	ng	98
91) Dibenzo(a,h)anthracene	16.945	278	1105104	41.91	ng	99
92) Benzo(g,h,i)perylene	17.368	276	1099641	43.09	ng	99

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

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