Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121220\
Data File : BF122677.D
Acq On : 12 Dec 2020 14:36
Operator : JU/CG
Sample : L5042-04MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
KENS-B6-121020-0-6MS

Manual Integrations APPROVED
mohammad
12/15/2020 12:17:48 PM

Quant Time: Dec 13 23:43:14 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	146575	20.00	ng	0.00
21) Naphthalene-d8	8.122	136	564856	20.00	ng	0.00
39) Acenaphthene-d10	9.880	164	297337	20.00	ng	0.00
64) Phenanthrene-d10	11.363	188	531001	20.00	ng	0.00
76) Chrysene-d12	14.004	240	410285	20.00	ng	0.00
86) Perylene-d12	15.468	264	385298	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	1151035	124.32	ng	0.00
7) Phenol-d6	6.475	99	1442488	117.48	ng	0.00
23) Nitrobenzene-d5	7.404	82	910290	80.74	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	452838	116.35	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1667998	75.88	ng	0.00
79) Terphenyl-d14	12.951	244	1726697	73.67	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.640	88	154478	35.50	ng	97
3) Pyridine	3.393	79	440256	38.28	ng	98
4) n-Nitrosodimethylamine	3.334	42	182935	39.66	ng	97
6) Aniline	6.498	93	498594	34.50	ng	95
8) 2-Chlorophenol	6.622	128	445363	43.64	ng	99
9) Benzaldehyde	6.386	77	176461	23.74	ng	99
10) Phenol	6.492	94	597795	46.98	ng	98
11) bis(2-Chloroethyl)ether	6.575	93	409421	42.12	ng	99
12) 1,3-Dichlorobenzene	6.781	146	468186	38.77	ng	99
13) 1,4-Dichlorobenzene	6.857	146	477909	39.25	ng	99
14) 1,2-Dichlorobenzene	7.010	146	459368	39.09	ng	99
15) Benzyl Alcohol	6.981	79	363435	42.99	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.116	45	518285	37.39	ng	97
17) 2-Methylphenol	7.092	107	354243	43.67	ng	100
18) Hexachloroethane	7.351	117	169301	39.02	ng	99
19) n-Nitroso-di-n-propyla...	7.257	70	286786	40.77	ng	98
20) 3+4-Methylphenols	7.245	107	418050	40.79	ng	95
22) Acetophenone	7.251	105	550867	39.22	ng	99
24) Nitrobenzene	7.422	77	439943	39.23	ng	100
25) Isophorone	7.663	82	790536	40.71	ng	99
26) 2-Nitrophenol	7.739	139	233391	42.67	ng	92
27) 2,4-Dimethylphenol	7.775	122	381544	47.59	ng	100
28) bis(2-Chloroethoxy)met...	7.869	93	503832	37.89	ng	100
29) 2,4-Dichlorophenol	7.980	162	376130	40.17	ng	99
30) 1,2,4-Trichlorobenzene	8.063	180	395317	37.27	ng	100
31) Naphthalene	8.145	128	1222730	39.23	ng	99
32) Benzoic acid	7.863	122	46387	7.26	ng	98
33) 4-Chloroaniline	8.192	127	327636	25.14	ng	99
34) Hexachlorobutadiene	8.263	225	236095	36.16	ng	99
35) Caprolactam	8.569	113	105488m	37.41	ng	
36) 4-Chloro-3-methylphenol	8.680	107	381639	41.38	ng	99
37) 2-Methylnaphthalene	8.833	142	829039	40.21	ng	99
38) 1-Methylnaphthalene	8.933	142	765319	39.24	ng	100
40) 1,2,4,5-Tetrachloroben...	9.004	216	386247	39.22	ng	100
41) Hexachlorocyclopentadiene	8.992	237	360718	82.84	ng	98
43) 2,4,6-Trichlorophenol	9.116	196	257867	37.91	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.157	196	274970	39.11	ng		98
46) 1,1'-Biphenyl	9.298	154	983493	39.85	ng		99
47) 2-Chloronaphthalene	9.327	162	785311	38.41	ng		97
48) 2-Nitroaniline	9.422	65	223093	37.43	ng		97
49) Acenaphthylene	9.739	152	1208218	40.01	ng		99
50) Dimethylphthalate	9.604	163	1040465	43.82	ng		100
51) 2,6-Dinitrotoluene	9.663	165	205900	41.05	ng		96
52) Acenaphthene	9.910	154	764279m	39.12	ng		
53) 3-Nitroaniline	9.833	138	161389	27.85	ng		99
54) 2,4-Dinitrophenol	9.939	184	91270	37.22	ng		98
55) Dibenzofuran	10.086	168	1105824	40.24	ng		96
56) 4-Nitrophenol	9.998	139	308228	74.59	ng		91
57) 2,4-Dinitrotoluene	10.069	165	274999	41.16	ng		95
58) Fluorene	10.427	166	833245	38.12	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	223020	36.10	ng		99
60) Diethylphthalate	10.298	149	870579	37.69	ng		100
61) 4-Chlorophenyl-phenyle...	10.416	204	405572	37.68	ng		100
62) 4-Nitroaniline	10.445	138	206551	35.11	ng		98
63) Azobenzene	10.580	77	834508	39.31	ng		95
65) 4,6-Dinitro-2-methylph...	10.480	198	96134	29.69	ng		86
66) n-Nitrosodiphenylamine	10.539	169	766235	40.84	ng		99
67) 4-Bromophenyl-phenylether	10.910	248	278527	38.71	ng	#	90
68) Hexachlorobenzene	10.974	284	306430	38.52	ng		99
69) Atrazine	11.063	200	202116	33.17	ng		99
70) Pentachlorophenol	11.174	266	251844	59.76	ng		99
71) Phenanthrene	11.386	178	1249398	39.59	ng		99
72) Anthracene	11.439	178	1290634	41.24	ng		100
73) Carbazole	11.592	167	1136062	40.03	ng		99
74) Di-n-butylphthalate	11.927	149	1316792	36.93	ng		98
75) Fluoranthene	12.580	202	1295652	39.15	ng		98
77) Benzidine	12.698	184	416551	46.94	ng		99
78) Pyrene	12.810	202	1297441	40.90	ng		99
80) Butylbenzylphthalate	13.421	149	530912	37.16	ng		99
81) Benzo(a)anthracene	13.998	228	1111449	40.53	ng		98
82) 3,3'-Dichlorobenzidine	13.957	252	269906	27.48	ng		100
83) Chrysene	14.033	228	1079169	39.55	ng		100
84) Bis(2-ethylhexyl)phtha...	13.980	149	700316	35.79	ng		100
85) Di-n-octyl phthalate	14.592	149	1111029	34.23	ng		98
87) Indeno(1,2,3-cd)pyrene	16.927	276	1085046	42.90	ng		99
88) Benzo(b)fluoranthene	15.045	252	1062853	39.32	ng		98
89) Benzo(k)fluoranthene	15.074	252	1005194	40.67	ng		99
90) Benzo(a)pyrene	15.409	252	919559	38.88	ng		99
91) Dibenzo(a,h)anthracene	16.945	278	886725	42.84	ng		98
92) Benzo(g,h,i)perylene	17.368	276	933450	46.59	ng		99

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

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