Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121520\
Data File : BF122733.D
Acq On : 16 Dec 2020 1:23
Operator : JU/CG
Sample : PB133626BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB133626BS

Manual Integrations APPROVED
mohammad
12/17/2020 9:53:45 AM

Quant Time: Dec 16 03:42:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 15 18:14:23 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	139726	20.00	ng	0.00
21) Naphthalene-d8	8.104	136	511634	20.00	ng	0.00
39) Acenaphthene-d10	9.857	164	241191	20.00	ng	0.00
64) Phenanthrene-d10	11.339	188	394613	20.00	ng	0.00
76) Chrysene-d12	13.980	240	305040	20.00	ng	0.00
86) Perylene-d12	15.433	264	327924	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	995865	112.84	ng	0.01
7) Phenol-d6	6.451	99	1205154	102.96	ng	0.00
23) Nitrobenzene-d5	7.381	82	753073	73.75	ng	-0.01
42) 2,4,6-Tribromophenol	10.645	330	332829	105.42	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	1354792	75.98	ng	0.00
79) Terphenyl-d14	12.927	244	1205679	69.19	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.628	88	161153	38.85	ng	98
3) Pyridine	3.363	79	443539	40.45	ng	98
4) n-Nitrosodimethylamine	3.316	42	184029	41.85	ng	100
6) Aniline	6.481	93	387672	28.14	ng	98
8) 2-Chlorophenol	6.604	128	414743	42.63	ng	95
9) Benzaldehyde	6.363	77	157647	22.25	ng	99
10) Phenol	6.469	94	484916	39.98	ng	92
11) bis(2-Chloroethyl)ether	6.551	93	395870	42.72	ng	99
12) 1,3-Dichlorobenzene	6.757	146	478975	41.61	ng	98
13) 1,4-Dichlorobenzene	6.833	146	480819	41.43	ng	98
14) 1,2-Dichlorobenzene	6.986	146	456836	40.78	ng	99
15) Benzyl Alcohol	6.963	79	320084	39.71	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.092	45	500921	37.91	ng	99
17) 2-Methylphenol	7.075	107	318013	41.12	ng	99
18) Hexachloroethane	7.333	117	170218	41.15	ng	96
19) n-Nitroso-di-n-propyla...	7.233	70	257500	38.41	ng	99
20) 3+4-Methylphenols	7.228	107	374041	38.29	ng	96
22) Acetophenone	7.228	105	514519	40.44	ng	96
24) Nitrobenzene	7.398	77	412815	40.64	ng	98
25) Isophorone	7.639	82	719253	40.89	ng	99
26) 2-Nitrophenol	7.716	139	215023	43.40	ng	96
27) 2,4-Dimethylphenol	7.757	122	336524	46.34	ng	98
28) bis(2-Chloroethoxy)met...	7.851	93	460970	38.27	ng	100
29) 2,4-Dichlorophenol	7.963	162	329953	38.91	ng	99
30) 1,2,4-Trichlorobenzene	8.045	180	378050	39.34	ng	99
31) Naphthalene	8.128	128	1161324	41.13	ng	100
32) Benzoic acid	7.880	122	180551	31.20	ng	99
33) 4-Chloroaniline	8.169	127	182867	15.49	ng	99
34) Hexachlorobutadiene	8.245	225	227297	38.43	ng	99
35) Caprolactam	8.539	113	88514m	34.65	ng	
36) 4-Chloro-3-methylphenol	8.657	107	317780	38.04	ng	99
37) 2-Methylnaphthalene	8.816	142	748312	40.07	ng	98
38) 1-Methylnaphthalene	8.916	142	687097	38.89	ng	100
40) 1,2,4,5-Tetrachloroben...	8.986	216	350709	43.90	ng	99
41) Hexachlorocyclopentadiene	8.969	237	348405	98.64	ng	97
43) 2,4,6-Trichlorophenol	9.092	196	218141	39.54	ng	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.133	196	229893	40.31	ng		100
46) 1,1'-Biphenyl	9.280	154	874334	43.68	ng		97
47) 2-Chloronaphthalene	9.304	162	684152	41.25	ng		98
48) 2-Nitroaniline	9.398	65	177680	36.75	ng		94
49) Acenaphthylene	9.722	152	1028720	41.99	ng		99
50) Dimethylphthalate	9.580	163	742294	38.54	ng		100
51) 2,6-Dinitrotoluene	9.639	165	168661	41.46	ng		91
52) Acenaphthene	9.892	154	690892m	43.59	ng		
53) 3-Nitroaniline	9.810	138	90518	19.26	ng		99
54) 2,4-Dinitrophenol	9.922	184	137295	69.03	ng	#	88
55) Dibenzofuran	10.063	168	919111	41.23	ng		98
56) 4-Nitrophenol	9.974	139	233819	69.76	ng		96
57) 2,4-Dinitrotoluene	10.045	165	213702	39.44	ng		96
58) Fluorene	10.404	166	699362	39.44	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.180	232	187406	37.40	ng		99
60) Diethylphthalate	10.280	149	698603	37.29	ng		99
61) 4-Chlorophenyl-phenyle...	10.398	204	340273	38.97	ng		94
62) 4-Nitroaniline	10.422	138	153013	32.07	ng		95
63) Azobenzene	10.557	77	667422	38.75	ng		98
65) 4,6-Dinitro-2-methylph...	10.457	198	103294	42.93	ng		93
66) n-Nitrosodiphenylamine	10.516	169	605788	43.45	ng		99
67) 4-Bromophenyl-phenylether	10.886	248	224528	41.99	ng		94
68) Hexachlorobenzene	10.957	284	243854	41.25	ng		95
69) Atrazine	11.039	200	162413	35.87	ng		100
70) Pentachlorophenol	11.151	266	234487	74.87	ng		99
71) Phenanthrene	11.368	178	983361	41.93	ng		99
72) Anthracene	11.416	178	1020613	43.89	ng		99
73) Carbazole	11.574	167	856889	40.63	ng		98
74) Di-n-butylphthalate	11.904	149	1014804	38.29	ng		98
75) Fluoranthene	12.557	202	977551	39.75	ng		97
77) Benzidine	12.674	184	288599	43.74	ng		99
78) Pyrene	12.786	202	969988	41.13	ng		98
80) Butylbenzylphthalate	13.398	149	393400	37.03	ng		98
81) Benzo(a)anthracene	13.968	228	846482	41.52	ng		98
82) 3,3'-Dichlorobenzidine	13.933	252	206750	28.32	ng		97
83) Chrysene	14.009	228	858256	42.30	ng		99
84) Bis(2-ethylhexyl)phtha...	13.962	149	546399	37.56	ng		99
85) Di-n-octyl phthalate	14.568	149	940311	38.97	ng		98
87) Indeno(1,2,3-cd)pyrene	16.880	276	1079749	50.16	ng		99
88) Benzo(b)fluoranthene	15.015	252	898159	39.04	ng		99
89) Benzo(k)fluoranthene	15.045	252	869727	41.34	ng		99
90) Benzo(a)pyrene	15.374	252	825259	41.00	ng		99
91) Dibenzo(a,h)anthracene	16.898	278	889064	50.47	ng		99
92) Benzo(g,h,i)perylene	17.315	276	943861	55.36	ng		99

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

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