Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102821\
Data File : BF125982.D
Acq On : 28 Oct 2021 10:47
Operator : JU/CG
Sample : PB140270BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB140270BS

Manual Integrations APPROVED
mohammad
11/1/2021 1:35:56 PM

Quant Time: Oct 28 12:03:37 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 28 12:01:54 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	220563	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	925990	20.000	ng	# 0.00
39) Acenaphthene-d10	9.898	164	517412	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	924940	20.000	ng	# 0.00
76) Chrysene-d12	14.021	240	504105	20.000	ng	# 0.00
86) Perylene-d12	15.480	264	417296	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	1608790	108.646	ng	0.01
7) Phenol-d6	6.492	99	2068421	101.843	ng	0.00
23) Nitrobenzene-d5	7.428	82	1404203	78.329	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	541577	120.070	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	2226017	76.082	ng	0.00
79) Terphenyl-d14	12.969	244	2293731	74.427	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.716	88	231680	32.020	ng	# 100
3) Pyridine	3.469	79	553647	28.899	ng	89
4) n-Nitrosodimethylamine	3.410	42	407611	33.172	ng	# 54
6) Aniline	6.522	93	934820	39.077	ng	# 91
8) 2-Chlorophenol	6.645	128	658569	44.063	ng	# 77
9) Benzaldehyde	6.410	77	442357	36.399	ng	93
10) Phenol	6.504	94	822675m	42.010	ng	
11) bis(2-Chloroethyl)ether	6.598	93	686779	43.549	ng	85
12) 1,3-Dichlorobenzene	6.804	146	647627	39.226	ng	97
13) 1,4-Dichlorobenzene	6.881	146	657172	39.790	ng	97
14) 1,2-Dichlorobenzene	7.028	146	643615	40.202	ng	96
15) Benzyl Alcohol	7.004	79	644046	41.888	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.140	45	1398677	36.215	ng	99
17) 2-Methylphenol	7.110	107	570172	44.166	ng	93
18) Hexachloroethane	7.375	117	257297	41.089	ng	91
19) n-Nitroso-di-n-propyla...	7.281	70	493380	42.519	ng	# 82
20) 3+4-Methylphenols	7.263	107	644590	39.060	ng	# 85
22) Acetophenone	7.275	105	911575	38.129	ng	93
24) Nitrobenzene	7.439	77	771516	41.682	ng	# 88
25) Isophorone	7.687	82	1408574	41.259	ng	# 87
26) 2-Nitrophenol	7.757	139	332924	55.475	ng	# 73
27) 2,4-Dimethylphenol	7.798	122	624428	46.857	ng	91
28) bis(2-Chloroethoxy)met...	7.892	93	864521	40.363	ng	# 97
29) 2,4-Dichlorophenol	7.998	162	542129	41.501	ng	91
30) 1,2,4-Trichlorobenzene	8.087	180	589107	38.450	ng	98
31) Naphthalene	8.169	128	1830040	38.868	ng	99
32) Benzoic acid	7.922	122	434637	44.975	ng	# 88
33) 4-Chloroaniline	8.210	127	621943	32.054	ng	# 89
34) Hexachlorobutadiene	8.287	225	353998	36.763	ng	98
35) Caprolactam	8.586	113	190455m	44.537	ng	
36) 4-Chloro-3-methylphenol	8.692	107	640984	41.927	ng	86
37) 2-Methylnaphthalene	8.857	142	1260546	41.593	ng	92
38) 1-Methylnaphthalene	8.957	142	1163614	39.781	ng	89
40) 1,2,4,5-Tetrachloroben...	9.022	216	539370	37.842	ng	97
41) Hexachlorocyclopentadiene	9.016	237	640729	83.231	ng	96
43) 2,4,6-Trichlorophenol	9.133	196	398726	40.988	ng	92

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.169	196	420370	40.960	ng		97
46)	1,1'-Biphenyl	9.322	154	1444565	38.118	ng		98
47)	2-Chloronaphthalene	9.345	162	1112596	38.939	ng		95
48)	2-Nitroaniline	9.439	65	499383	48.932	ng	#	75
49)	Acenaphthylene	9.763	152	1721915	39.895	ng		97
50)	Dimethylphthalate	9.628	163	1324901	41.338	ng		97
51)	2,6-Dinitrotoluene	9.681	165	308913	48.865	ng	#	72
52)	Acenaphthene	9.933	154	1254091	44.710	ng		99
53)	3-Nitroaniline	9.845	138	259344	35.786	ng	#	64
54)	2,4-Dinitrophenol	9.957	184	264967	98.150	ng	#	83
55)	Dibenzofuran	10.104	168	1620702	38.685	ng		96
56)	4-Nitrophenol	10.010	139	483531	85.860	ng	#	63
57)	2,4-Dinitrotoluene	10.086	165	409541	52.743	ng	#	95
58)	Fluorene	10.445	166	1178720	44.623	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.222	232	353963	42.253	ng	#	89
60)	Diethylphthalate	10.322	149	1330215	40.689	ng		98
61)	4-Chlorophenyl-phenyle...	10.439	204	568695	36.887	ng		87
62)	4-Nitroaniline	10.463	138	308046	46.326	ng		86
63)	Azobenzene	10.598	77	1511554	40.087	ng		92
65)	4,6-Dinitro-2-methylph...	10.492	198	184862	45.828	ng		97
66)	n-Nitrosodiphenylamine	10.557	169	1112488	40.156	ng		97
67)	4-Bromophenyl-phenylether	10.928	248	401238	40.608	ng		95
68)	Hexachlorobenzene	10.992	284	429890	41.269	ng		92
69)	Atrazine	11.086	200	383836	43.746	ng		92
70)	Pentachlorophenol	11.186	266	475228	80.811	ng		95
71)	Phenanthrene	11.410	178	1858648	38.727	ng		98
72)	Anthracene	11.463	178	1906251	39.781	ng		98
73)	Carbazole	11.610	167	1725886	37.888	ng		99
74)	Di-n-butylphthalate	11.945	149	2014439	41.508	ng		99
75)	Fluoranthene	12.592	202	1889238	39.048	ng		96
77)	Benzidine	12.716	184	806214	51.271	ng		99
78)	Pyrene	12.822	202	1898437	40.468	ng		96
80)	Butylbenzylphthalate	13.445	149	741803	48.610	ng		89
81)	Benzo(a)anthracene	14.010	228	1283565	37.831	ng		99
82)	3,3'-Dichlorobenzidine	13.968	252	395260	36.741	ng		98
83)	Chrysene	14.045	228	1347112	39.243	ng		98
84)	Bis(2-ethylhexyl)phtha...	14.004	149	797193	48.220	ng		99
85)	Di-n-octyl phthalate	14.616	149	1299589	50.741	ng		97
87)	Indeno(1,2,3-cd)pyrene	16.945	276	1341609	44.627	ng	#	92
88)	Benzo(b)fluoranthene	15.057	252	1165744	42.323	ng	#	97
89)	Benzo(k)fluoranthene	15.086	252	1125402	42.536	ng		99
90)	Benzo(a)pyrene	15.421	252	1114157	50.106	ng		96
91)	Dibenzo(a,h)anthracene	16.968	278	1120348	46.002	ng	#	94
92)	Benzo(g,h,i)perylene	17.392	276	1153873	45.347	ng	#	89

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

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