Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121420\
Data File : BF122710.D
Acq On : 14 Dec 2020 17:24
Operator : JU/CG
Sample : L5066-06MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JBD-BOLLARDS-0-6MSD

Manual Integrations APPROVED
mohammad
12/17/2020 9:46:56 AM

Quant Time: Dec 14 23:53:12 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	6.845	152	120084	20.00	ng		0.00
21) Naphthalene-d8	8.163	136	320108	20.00	ng		# 0.04
39) Acenaphthene-d10	9.939	164	142319	20.00	ng		0.06
64) Phenanthrene-d10	11.386	188	432039	20.00	ng		0.02
76) Chrysene-d12	14.021	240	312480	20.00	ng		0.01
86) Perylene-d12	15.492	264	358850	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.457	112	1087445	143.37	ng		0.00
7) Phenol-d6	6.481	99	1370893	136.28	ng		0.00
23) Nitrobenzene-d5	7.416	82	725314	113.52	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	282476	151.63	ng		0.03
45) 2-Fluorobiphenyl	9.251	172	702035	66.72	ng		0.05
79) Terphenyl-d14	12.957	244	1157301	64.83	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.581	88	142247	39.90	ng		98
3) Pyridine	3.334	79	430106	45.64	ng		97
4) n-Nitrosodimethylamine	3.287	42	178042	47.11	ng		92
6) Aniline	6.504	93	291343	24.60	ng	#	74
8) 2-Chlorophenol	6.634	128	430525	51.50	ng		98
9) Benzaldehyde	6.392	77	197769	32.48	ng		92
10) Phenol	6.492	94	596333	57.21	ng		96
11) bis(2-Chloroethyl)ether	6.581	93	449678	56.47	ng		94
12) 1,3-Dichlorobenzene	6.786	146	451879	45.68	ng		98
13) 1,4-Dichlorobenzene	6.863	146	389407	39.04	ng	#	89
14) 1,2-Dichlorobenzene	7.022	146	378579	39.32	ng	#	63
15) Benzyl Alcohol	6.992	79	276304	39.89	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.134	45	357520	31.48	ng	#	1
17) 2-Methylphenol	7.104	107	293047	44.09	ng	#	84
18) Hexachloroethane	7.363	117	256930	72.28	ng	#	1
19) n-Nitroso-di-n-propyla...	7.281	70	347412	60.29	ng	#	86
20) 3+4-Methylphenols	7.263	107	358595	42.71	ng	#	83
22) Acetophenone	7.263	105	496709	62.41	ng	#	79
24) Nitrobenzene	7.434	77	457982	72.06	ng	#	92
25) Isophorone	7.692	82	936410	85.09	ng	#	29
26) 2-Nitrophenol	7.757	139	67249	21.69	ng	#	1
27) 2,4-Dimethylphenol	7.804	122	270265	59.48	ng	#	80
28) bis(2-Chloroethoxy)met...	7.892	93	273111	36.24	ng	#	1
29) 2,4-Dichlorophenol	8.016	162	264572	49.86	ng	#	74
30) 1,2,4-Trichlorobenzene	8.104	180	262325	43.64	ng	#	96
31) Naphthalene	8.186	128	1178110	66.69	ng	#	83
32) Benzoic acid	7.939	122	77777	21.48	ng	#	1
33) 4-Chloroaniline	8.192	127	361056m	48.89	ng		
34) Hexachlorobutadiene	8.304	225	145646	39.36	ng		97
35) Caprolactam	8.622	113	490379	306.85	ng	#	1
36) 4-Chloro-3-methylphenol	8.716	107	221952	42.47	ng	#	73
37) 2-Methylnaphthalene	8.904	142	1502614	128.60	ng		95
38) 1-Methylnaphthalene	8.998	142	1326976	120.05	ng	#	96
40) 1,2,4,5-Tetrachloroben...	9.069	216	189084	40.11	ng	#	92
41) Hexachlorocyclopentadiene	9.045	237	28953	13.89	ng		98
43) 2,4,6-Trichlorophenol	9.169	196	117342	36.04	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	84373	25.07	ng	#	1
46) 1,1'-Biphenyl	9.357	154	389981	33.02	ng		96
47) 2-Chloronaphthalene	9.380	162	295074	30.15	ng	#	79
48) 2-Nitroaniline	9.457	65	153057	53.65	ng	#	78
49) Acenaphthylene	9.804	152	553976	38.33	ng	#	81
50) Dimethylphthalate	9.639	163	383839	33.77	ng	#	86
51) 2,6-Dinitrotoluene	9.710	165	144192	60.07	ng		92
52) Acenaphthene	9.969	154	360065	38.50	ng	#	85
53) 3-Nitroaniline	9.898	138	11032	3.98	ng	#	43
55) Dibenzofuran	10.139	168	591858	44.99	ng	#	70
56) 4-Nitrophenol	10.027	139	189376	95.75	ng	#	40
57) 2,4-Dinitrotoluene	10.110	165	116707	36.50	ng	#	83
58) Fluorene	10.474	166	621935	59.44	ng	#	89
59) 2,3,4,6-Tetrachlorophenol	10.257	232	91145	30.83	ng	#	1
60) Diethylphthalate	10.327	149	461503	41.74	ng	#	94
61) 4-Chlorophenyl-phenyle...	10.457	204	245922	47.74	ng	#	84
62) 4-Nitroaniline	10.469	138	118880	42.22	ng		88
66) n-Nitrosodiphenylamine	10.563	169	617613	40.46	ng		92
67) 4-Bromophenyl-phenylether	10.933	248	209288	35.75	ng	#	91
68) Hexachlorobenzene	11.016	284	237779	36.74	ng		97
69) Atrazine	11.086	200	197151	39.77	ng		96
70) Pentachlorophenol	11.198	266	186320	54.34	ng		99
71) Phenanthrene	11.410	178	1500988	58.46	ng		98
72) Anthracene	11.463	178	1083436	42.55	ng		98
73) Carbazole	11.610	167	925028	40.06	ng		97
74) Di-n-butylphthalate	11.933	149	1161056	40.02	ng		100
75) Fluoranthene	12.592	202	1246109	46.28	ng		98
78) Pyrene	12.821	202	1284354	53.16	ng		99
80) Butylbenzylphthalate	13.427	149	406525	37.36	ng		96
81) Benzo(a)anthracene	14.010	228	992177	47.51	ng		99
82) 3,3'-Dichlorobenzidine	13.968	252	106072	14.18	ng	#	97
83) Chrysene	14.045	228	930055	44.75	ng		99
84) Bis(2-ethylhexyl)phtha...	13.992	149	560140	37.59	ng	#	99
85) Di-n-octyl phthalate	14.604	149	887712	35.91	ng		98
87) Indeno(1,2,3-cd)pyrene	16.968	276	1148640	48.76	ng		99
88) Benzo(b)fluoranthene	15.068	252	1104785	43.88	ng		98
89) Benzo(k)fluoranthene	15.098	252	881726	38.30	ng		100
90) Benzo(a)pyrene	15.433	252	959222	43.55	ng	#	96
91) Dibenzo(a,h)anthracene	16.986	278	881760	45.74	ng		99
92) Benzo(g,h,i)perylene	17.415	276	970325	52.00	ng		100

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

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