Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012722\
Data File : BF126710.D
Acq On : 27 Jan 2022 17:12
Operator : CG/JU
Sample : PB142322BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB142322BSD

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 01/28/2022
Supervised By :mohammad ahmed 01/31/2022

Quant Time: Jan 28 04:41:06 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 27 03:09:40 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.957	152	197410	20.000	ng		0.00
21) Naphthalene-d8	8.239	136	779902	20.000	ng	#	0.00
39) Acenaphthene-d10	10.004	164	430918	20.000	ng		0.00
64) Phenanthrene-d10	11.492	188	722129	20.000	ng	#	0.00
76) Chrysene-d12	14.145	240	488175	20.000	ng		0.00
86) Perylene-d12	15.668	264	365835	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.581	112	1274661	84.967	ng		0.01
7) Phenol-d6	6.575	99	1742874	83.618	ng		0.00
23) Nitrobenzene-d5	7.522	82	1727953	86.721	ng		0.00
42) 2,4,6-Tribromophenol	10.792	330	367069	91.023	ng		0.00
45) 2-Fluorobiphenyl	9.322	172	2037553	72.415	ng		0.00
79) Terphenyl-d14	13.086	244	2453010	84.280	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.881	88	271673	36.744	ng	#	88
3) Pyridine	3.634	79	649840	31.375	ng	#	83
4) n-Nitrosodimethylamine	3.604	42	288480	39.365	ng	#	71
6) Aniline	6.622	93	1144204m	43.807	ng		
8) 2-Chlorophenol	6.740	128	627568	45.608	ng		95
9) Benzaldehyde	6.510	77	614935	48.591	ng		86
10) Phenol	6.587	94	982617	44.324	ng		97
11) bis(2-Chloroethyl)ether	6.692	93	809797	45.014	ng		93
12) 1,3-Dichlorobenzene	6.898	146	639858	41.888	ng		96
13) 1,4-Dichlorobenzene	6.975	146	644763	41.798	ng		97
14) 1,2-Dichlorobenzene	7.128	146	629567	43.292	ng		98
15) Benzyl Alcohol	7.098	79	728446	39.200	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.228	45	947417	46.161	ng		86
17) 2-Methylphenol	7.198	107	600901	44.419	ng		95
18) Hexachloroethane	7.469	117	259405	41.648	ng		91
19) n-Nitroso-di-n-propyla...	7.369	70	594540	39.082	ng	#	84
20) 3+4-Methylphenols	7.351	107	735285	41.918	ng	#	81
22) Acetophenone	7.369	105	986958	41.064	ng	#	88
24) Nitrobenzene	7.539	77	923827	44.912	ng	#	87
25) Isophorone	7.781	82	1655513	42.842	ng		95
26) 2-Nitrophenol	7.857	139	318706	59.396	ng	#	83
27) 2,4-Dimethylphenol	7.886	122	617039	48.457	ng		90
28) bis(2-Chloroethoxy)met...	7.987	93	1002523	41.598	ng		98
29) 2,4-Dichlorophenol	8.092	162	526216	43.565	ng		96
30) 1,2,4-Trichlorobenzene	8.181	180	532744	41.128	ng		98
31) Naphthalene	8.263	128	1772821	42.078	ng		98
32) Benzoic acid	8.004	122	459818	63.657	ng	#	78
33) 4-Chloroaniline	8.310	127	591889	35.162	ng	#	94
34) Hexachlorobutadiene	8.375	225	320643	38.915	ng		98
35) Caprolactam	8.686	113	212038m	49.157	ng		
36) 4-Chloro-3-methylphenol	8.786	107	673536	42.640	ng		88
37) 2-Methylnaphthalene	8.957	142	1131353	43.178	ng		97
38) 1-Methylnaphthalene	9.057	142	1041854	41.023	ng		99
40) 1,2,4,5-Tetrachloroben...	9.122	216	508597	42.080	ng		99
41) Hexachlorocyclopentadiene	9.104	237	664606	90.314	ng		94
43) 2,4,6-Trichlorophenol	9.228	196	366086	42.488	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	386163	43.274	ng	#	93
46) 1,1'-Biphenyl	9.422	154	1355132	41.742	ng		95
47) 2-Chloronaphthalene	9.445	162	1056433	41.419	ng		98
48) 2-Nitroaniline	9.539	65	477057	54.171	ng		92
49) Acenaphthylene	9.869	152	1664383	41.599	ng		98
50) Dimethylphthalate	9.722	163	1270753	41.578	ng	#	99
51) 2,6-Dinitrotoluene	9.786	165	281093	53.225	ng		97
52) Acenaphthene	10.039	154	1137916	46.521	ng		98
53) 3-Nitroaniline	9.957	138	265207	43.921	ng	#	85
54) 2,4-Dinitrophenol	10.057	184	293002	102.446	ng		98
55) Dibenzofuran	10.210	168	1480389	40.273	ng		99
56) 4-Nitrophenol	10.110	139	470080	97.766	ng	#	74
57) 2,4-Dinitrotoluene	10.186	165	383056	59.855	ng	#	90
58) Fluorene	10.551	166	1113376	40.117	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.322	232	326611	44.768	ng	#	83
60) Diethylphthalate	10.422	149	1232795	40.578	ng		96
61) 4-Chlorophenyl-phenyle...	10.545	204	556263	40.133	ng	#	84
62) 4-Nitroaniline	10.575	138	308118	52.578	ng	#	76
63) Azobenzene	10.704	77	1753984	39.011	ng		92
65) 4,6-Dinitro-2-methylph...	10.592	198	183214	52.322	ng		87
66) n-Nitrosodiphenylamine	10.663	169	1021609	41.911	ng		99
67) 4-Bromophenyl-phenylether	11.033	248	356634	42.851	ng		95
68) Hexachlorobenzene	11.098	284	389677	43.885	ng		90
69) Atrazine	11.192	200	337721	43.381	ng		91
70) Pentachlorophenol	11.292	266	447043	86.578	ng		98
71) Phenanthrene	11.522	178	1693359	41.045	ng		99
72) Anthracene	11.575	178	1744228	42.138	ng		99
73) Carbazole	11.727	167	1550024	39.885	ng		98
74) Di-n-butylphthalate	12.051	149	1893842	40.412	ng	#	98
75) Fluoranthene	12.710	202	1718013	42.160	ng		98
77) Benzidine	12.833	184	1075380	63.856	ng		98
78) Pyrene	12.945	202	1718745	43.537	ng		98
80) Butylbenzylphthalate	13.557	149	761397	44.393	ng	#	88
81) Benzo(a)anthracene	14.133	228	1436914	43.305	ng		99
82) 3,3'-Dichlorobenzidine	14.098	252	388896	35.678	ng	#	96
83) Chrysene	14.174	228	1388571	43.492	ng		98
84) Bis(2-ethylhexyl)phtha...	14.116	149	1069200	46.031	ng	#	99
85) Di-n-octyl phthalate	14.739	149	1623949	45.664	ng		95
87) Indeno(1,2,3-cd)pyrene	17.227	276	1062751	47.017	ng		93
88) Benzo(b)fluoranthene	15.215	252	1197775	49.372	ng	#	95
89) Benzo(k)fluoranthene	15.251	252	1061177	44.550	ng	#	95
90) Benzo(a)pyrene	15.604	252	1066172	54.014	ng	#	96
91) Dibenzo(a,h)anthracene	17.251	278	899382	48.030	ng		95
92) Benzo(g,h,i)perylene	17.709	276	901823	49.116	ng	#	91

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

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