Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102921\
Data File : BF126008.D
Acq On : 29 Oct 2021 16:40
Operator : JU/CG
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
mohammad
11/1/2021 1:37:54 PM

Quant Time: Oct 29 17:21:24 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 29 17:15:51 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.857	152	247931	20.000	ng		0.00
21) Naphthalene-d8	8.139	136	921988	20.000	ng	#	0.00
39) Acenaphthene-d10	9.898	164	512480	20.000	ng		0.00
64) Phenanthrene-d10	11.374	188	887964	20.000	ng	#	0.00
76) Chrysene-d12	14.015	240	482924	20.000	ng		0.00
86) Perylene-d12	15.474	264	428482	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	0.000	112	0d	0.000	ng		
7) Phenol-d6	6.498	99	2790425	122.227	ng		0.01
23) Nitrobenzene-d5	7.433	82	2606608	146.033	ng		0.01
42) 2,4,6-Tribromophenol	10.686	330	666906	149.279	ng		0.00
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng		
79) Terphenyl-d14	12.968	244	3553245	120.353	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.628	88	524750	64.520	ng	#	100
3) Pyridine	3.381	79	1485843	68.996	ng		89
4) n-Nitrosodimethylamine	3.351	42	768357	55.627	ng	#	48
6) Aniline	6.534	93	1791277	66.612	ng	#	91
8) 2-Chlorophenol	6.651	128	1031361	61.388	ng	#	78
9) Benzaldehyde	6.410	77	720466	52.740	ng		94
11) bis(2-Chloroethyl)ether	6.604	93	1163315	65.624	ng	#	83
12) 1,3-Dichlorobenzene	6.804	146	1144109	61.647	ng		96
13) 1,4-Dichlorobenzene	6.881	146	1128940	60.809	ng		96
15) Benzyl Alcohol	7.004	79	1060161	61.341	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.139	45	2300106	52.981	ng		99
17) 2-Methylphenol	7.110	107	974987	67.187	ng		92
18) Hexachloroethane	7.375	117	444858	63.200	ng	#	89
19) n-Nitroso-di-n-propyla...	7.292	70	869515	66.663	ng	#	79
22) Acetophenone	7.281	105	1455798	61.157	ng	#	89
24) Nitrobenzene	7.451	77	1271015	68.966	ng	#	87
25) Isophorone	7.692	82	2443637	71.889	ng	#	87
26) 2-Nitrophenol	7.757	139	580543	97.155	ng	#	68
27) 2,4-Dimethylphenol	7.798	122	897123m	67.613	ng		
28) bis(2-Chloroethoxy)met...	7.892	93	1473471	69.093	ng	#	97
29) 2,4-Dichlorophenol	8.004	162	894328	68.760	ng		91
30) 1,2,4-Trichlorobenzene	8.086	180	982700	64.418	ng		98
31) Naphthalene	8.169	128	2826512	60.292	ng		99
32) Benzoic acid	7.957	122	895491	111.446	ng	#	85
33) 4-Chloroaniline	8.216	127	1310613	67.841	ng	#	88
34) Hexachlorobutadiene	8.280	225	596631	62.230	ng		99
35) Caprolactam	8.616	113	326841m	76.762	ng		
36) 4-Chloro-3-methylphenol	8.698	107	1057803	69.492	ng		89
37) 2-Methylnaphthalene	8.857	142	1878275	62.244	ng		93
38) 1-Methylnaphthalene	8.957	142	1814141	62.289	ng		88
40) 1,2,4,5-Tetrachloroben...	9.022	216	886086	62.765	ng		99
41) Hexachlorocyclopentadiene	9.010	237	539469	70.751	ng		99
43) 2,4,6-Trichlorophenol	9.133	196	659225	68.420	ng		93
44) 2,4,5-Trichlorophenol	9.175	196	701858	69.045	ng		97
47) 2-Chloronaphthalene	9.345	162	1753074	61.945	ng		94
48) 2-Nitroaniline	9.439	65	833651	82.471	ng	#	71

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
49) Acenaphthylene	9.763	152	2541266	59.445	ng	#	95
50) Dimethylphthalate	9.627	163	2061262	64.932	ng	#	95
51) 2,6-Dinitrotoluene	9.686	165	491625	78.516	ng	#	82
52) Acenaphthene	9.933	154	1811144	65.191	ng		99
53) 3-Nitroaniline	9.857	138	558014	77.740	ng	#	69
54) 2,4-Dinitrophenol	9.957	184	281948	130.030	ng	#	84
56) 4-Nitrophenol	10.010	139	440899	79.044	ng	#	66
57) 2,4-Dinitrotoluene	10.086	165	633659	82.391	ng	#	85
59) 2,3,4,6-Tetrachlorophenol	10.222	232	579233	69.809	ng	#	87
60) Diethylphthalate	10.322	149	2046741	63.208	ng		97
61) 4-Chlorophenyl-phenyle...	10.439	204	856635	56.099	ng	#	85
62) 4-Nitroaniline	10.474	138	557038	84.578	ng		86
63) Azobenzene	10.598	77	2366840	63.374	ng		93
65) 4,6-Dinitro-2-methylph...	10.498	198	400154	114.647	ng		96
66) n-Nitrosodiphenylamine	10.557	169	1703906	64.065	ng		95
67) 4-Bromophenyl-phenylether	10.927	248	630131	66.430	ng		92
68) Hexachlorobenzene	10.992	284	684480	68.446	ng	#	89
69) Atrazine	11.086	200	559717	66.448	ng		92
70) Pentachlorophenol	11.180	266	429279	76.037	ng		93
72) Anthracene	11.457	178	2746365	59.699	ng		95
73) Carbazole	11.610	167	2710765	61.986	ng		98
74) Di-n-butylphthalate	11.945	149	2887572	61.977	ng		99
78) Pyrene	12.821	202	2907727	64.700	ng		94
80) Butylbenzylphthalate	13.439	149	1193853	81.664	ng	#	80
81) Benzo(a)anthracene	14.009	228	2056205	63.262	ng		98
82) 3,3'-Dichlorobenzidine	13.968	252	718387	69.705	ng		100
83) Chrysene	14.045	228	2173640	66.097	ng		97
84) Bis(2-ethylhexyl)phtha...	13.998	149	1282485	80.976	ng		99
85) Di-n-octyl phthalate	14.609	149	2183678	88.998	ng		97
87) Indeno(1,2,3-cd)pyrene	16.945	276	2100573	68.049	ng	#	90
88) Benzo(b)fluoranthene	15.056	252	1983357	70.127	ng	#	95
89) Benzo(k)fluoranthene	15.086	252	1756932	64.673	ng		100
90) Benzo(a)pyrene	15.415	252	1611851	70.595	ng		97
91) Dibenzo(a,h)anthracene	16.968	278	1668685	66.728	ng	#	94
92) Benzo(g,h,i)perylene	17.392	276	1782392	68.219	ng	#	87

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

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