Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011821\
Data File : BF122998.D
Acq On : 18 Jan 2021 21:04
Operator : JU/CG
Sample : M1141-21MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
T872-T871MS

Manual Integrations APPROVED
mohammad
1/20/2021 2:15:35 PM

Quant Time: Jan 18 23:51:10 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 18 13:14:08 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.898	152	152629	20.00	ng		0.00
21) Naphthalene-d8	8.181	136	865089	20.00	ng		# 0.00
39) Acenaphthene-d10	9.939	164	395748	20.00	ng		0.00
64) Phenanthrene-d10	11.427	188	756309	20.00	ng		0.00
76) Chrysene-d12	14.074	240	411804	20.00	ng		# 0.00
86) Perylene-d12	15.545	264	401710	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.534	112	1615511	160.00	ng		0.02
7) Phenol-d6	6.522	99	1898570	139.91	ng		0.00
23) Nitrobenzene-d5	7.457	82	1415624	84.21	ng		0.00
42) 2,4,6-Tribromophenol	10.727	330	534607	119.46	ng		0.00
45) 2-Fluorobiphenyl	9.257	172	2485156	87.93	ng		0.00
79) Terphenyl-d14	13.015	244	1672291	74.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.898	88	58740	11.98	ng	#	52
3) Pyridine	3.587	79	194829	14.68	ng	#	34
4) n-Nitrosodimethylamine	3.534	42	194491	32.83	ng	#	41
6) Aniline	6.563	93	271436	16.58	ng		94
8) 2-Chlorophenol	6.681	128	504280	47.29	ng		85
9) Benzaldehyde	6.445	77	68041	7.04	ng		89
10) Phenol	6.539	94	768093m	56.36	ng		
11) bis(2-Chloroethyl)ether	6.634	93	579506	52.52	ng		87
12) 1,3-Dichlorobenzene	6.839	146	516168	41.83	ng	#	93
13) 1,4-Dichlorobenzene	6.916	146	518552	41.73	ng		99
14) 1,2-Dichlorobenzene	7.069	146	582031	50.21	ng		98
15) Benzyl Alcohol	7.034	79	556751	58.20	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.175	45	1165927	60.62	ng		86
17) 2-Methylphenol	7.145	107	455137	50.32	ng		96
18) Hexachloroethane	7.410	117	254251	56.61	ng	#	77
19) n-Nitroso-di-n-propyla...	7.310	70	544854	67.78	ng	#	85
20) 3+4-Methylphenols	7.298	107	746929	66.02	ng		92
22) Acetophenone	7.304	105	981285	45.10	ng	#	92
24) Nitrobenzene	7.481	77	771003	44.75	ng		94
25) Isophorone	7.716	82	1351649	45.06	ng		98
26) 2-Nitrophenol	7.792	139	368401	47.33	ng		95
27) 2,4-Dimethylphenol	7.828	122	649383	52.39	ng		95
28) bis(2-Chloroethoxy)met...	7.928	93	862411	42.53	ng		99
29) 2,4-Dichlorophenol	8.033	162	560881	43.35	ng		96
30) 1,2,4-Trichlorobenzene	8.122	180	550775	39.96	ng		94
31) Naphthalene	8.204	128	1882472	42.32	ng		99
32) Benzoic acid	7.945	122	458343	44.02	ng		94
33) 4-Chloroaniline	8.239	127	187631	9.67	ng	#	94
34) Hexachlorobutadiene	8.322	225	285307	37.87	ng		99
35) Caprolactam	8.610	113	145616m	33.11	ng		
36) 4-Chloro-3-methylphenol	8.728	107	647318	47.03	ng		97
37) 2-Methylnaphthalene	8.892	142	1254828	40.90	ng		98
38) 1-Methylnaphthalene	8.992	142	1179643	40.71	ng		100
40) 1,2,4,5-Tetrachloroben...	9.063	216	427530	39.35	ng	#	96
41) Hexachlorocyclopentadiene	9.051	237	478661	90.70	ng		96
43) 2,4,6-Trichlorophenol	9.169	196	422995	52.23	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	427448	52.02	ng		96
46) 1,1'-Biphenyl	9.357	154	1395242	43.35	ng		96
47) 2-Chloronaphthalene	9.386	162	1144551	42.62	ng		100
48) 2-Nitroaniline	9.475	65	450942	49.27	ng	#	79
49) Acenaphthylene	9.804	152	1772180	45.24	ng		99
50) Dimethylphthalate	9.657	163	1339348	43.60	ng		98
51) 2,6-Dinitrotoluene	9.716	165	279494	41.60	ng	#	70
52) Acenaphthene	9.975	154	1183003	46.72	ng		98
53) 3-Nitroaniline	9.880	138	116523	14.03	ng		95
54) 2,4-Dinitrophenol	9.992	184	245511	67.25	ng		90
55) Dibenzofuran	10.145	168	1797293	50.92	ng		97
56) 4-Nitrophenol	10.045	139	604563	98.76	ng		87
57) 2,4-Dinitrotoluene	10.122	165	453089	52.43	ng	#	87
58) Fluorene	10.486	166	1191300	43.15	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.257	232	351724	53.63	ng	#	85
60) Diethylphthalate	10.363	149	1374824	46.05	ng		98
61) 4-Chlorophenyl-phenyle...	10.480	204	509598	41.05	ng		94
62) 4-Nitroaniline	10.498	138	273827	33.42	ng		95
63) Azobenzene	10.639	77	1442242	48.28	ng		91
65) 4,6-Dinitro-2-methylph...	10.527	198	157908	37.07	ng	#	57
66) n-Nitrosodiphenylamine	10.598	169	1073448	38.02	ng		99
67) 4-Bromophenyl-phenylether	10.969	248	356495	38.55	ng		91
68) Hexachlorobenzene	11.039	284	407894	38.58	ng		96
69) Atrazine	11.121	200	272974	36.31	ng		96
70) Pentachlorophenol	11.227	266	496562	89.29	ng		99
71) Phenanthrene	11.451	178	2010403	44.36	ng		99
72) Anthracene	11.504	178	2091361	46.69	ng		100
73) Carbazole	11.657	167	1976116	45.51	ng		100
74) Di-n-butylphthalate	11.986	149	1790839	34.85	ng		99
75) Fluoranthene	12.645	202	1603983	34.98	ng		98
77) Benzidine	12.757	184	304570	27.93	ng		99
78) Pyrene	12.874	202	1706009	51.74	ng		99
80) Butylbenzylphthalate	13.492	149	737570	49.91	ng		95
81) Benzo(a)anthracene	14.062	228	1228195	44.56	ng		98
82) 3,3'-Dichlorobenzidine	14.021	252	214522	23.78	ng	#	99
83) Chrysene	14.098	228	1261740	45.39	ng		99
84) Bis(2-ethylhexyl)phtha...	14.051	149	892288	45.29	ng		99
85) Di-n-octyl phthalate	14.668	149	1643510	51.57	ng	#	88
87) Indeno(1,2,3-cd)pyrene	17.045	276	1249377	49.37	ng	#	93
88) Benzo(b)fluoranthene	15.115	252	1409514m	51.99	ng		
89) Benzo(k)fluoranthene	15.151	252	1240785	44.64	ng		98
90) Benzo(a)pyrene	15.486	252	1155071	47.16	ng	#	97
91) Dibenzo(a,h)anthracene	17.062	278	1016849	49.04	ng		97
92) Benzo(g,h,i)perylene	17.498	276	1070309	53.33	ng	#	95

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

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