Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080321\
Data File : BF124926.D
Acq On : 3 Aug 2021 21:01
Operator : JU/CG
Sample : M3255-02MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FRAC- TANK-COMPMSD

Manual Integrations APPROVED
mohammad
8/4/2021 3:45:28 PM

Quant Time: Aug 04 05:08:25 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 02 11:15:51 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	6254	20.000	ng	-0.01
21) Naphthalene-d8	8.128	136	23752	20.000	ng	#-0.01
39) Acenaphthene-d10	9.886	164	12502	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	21908	20.000	ng	-0.01
76) Chrysene-d12	14.010	240	13195	20.000	ng	#-0.01
86) Perylene-d12	15.468	264	11788	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	47735	129.234	ng	0.01
7) Phenol-d6	6.481	99	53557	115.659	ng	0.00
23) Nitrobenzene-d5	7.416	82	42088	105.464	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	15955	148.637	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	84665	99.465	ng	-0.01
79) Terphenyl-d14	12.957	244	82277	106.885	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.804	88	6667	51.637	ng	# 100
3) Pyridine	3.504	79	10814	35.381	ng	85
4) n-Nitrosodimethylamine	3.446	42	11327	46.862	ng	# 88
6) Aniline	6.510	93	8738	18.361	ng	94
8) 2-Chlorophenol	6.634	128	19705	47.299	ng	89
9) Benzaldehyde	6.404	77	10689	42.874	ng	92
10) Phenol	6.498	94	19342	43.618	ng	97
11) bis(2-Chloroethyl)ether	6.587	93	19906	56.616	ng	97
12) 1,3-Dichlorobenzene	6.787	146	20988	46.352	ng	96
13) 1,4-Dichlorobenzene	6.863	146	21328m	47.083	ng	
14) 1,2-Dichlorobenzene	7.016	146	20616	47.103	ng	95
15) Benzyl Alcohol	6.992	79	15982	52.485	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.122	45	30283	51.173	ng	89
17) 2-Methylphenol	7.104	107	14827	48.853	ng	95
18) Hexachloroethane	7.357	117	8734	50.869	ng	94
19) n-Nitroso-di-n-propyla...	7.263	70	14346	58.018	ng	# 85
20) 3+4-Methylphenols	7.257	107	18957	47.275	ng	# 65
22) Acetophenone	7.257	105	28589	51.940	ng	# 87
24) Nitrobenzene	7.434	77	20615	52.690	ng	95
25) Isophorone	7.669	82	37216	52.740	ng	# 91
26) 2-Nitrophenol	7.745	139	10776	49.727	ng	# 83
27) 2,4-Dimethylphenol	7.781	122	16883	50.632	ng	87
28) bis(2-Chloroethoxy)met...	7.881	93	23755	57.930	ng	# 97
29) 2,4-Dichlorophenol	7.986	162	16416	46.485	ng	93
30) 1,2,4-Trichlorobenzene	8.069	180	19117	49.391	ng	98
31) Naphthalene	8.151	128	58898	47.516	ng	97
32) Benzoic acid	7.916	122	8731	33.829	ng	93
33) 4-Chloroaniline	8.192	127	3392	7.277	ng	# 95
34) Hexachlorobutadiene	8.263	225	11516	49.774	ng	94
35) Caprolactam	8.569	113	3603m	39.254	ng	
36) 4-Chloro-3-methylphenol	8.681	107	18146	53.871	ng	87
37) 2-Methylnaphthalene	8.845	142	39911	48.189	ng	98
38) 1-Methylnaphthalene	8.945	142	36405	46.399	ng	100
40) 1,2,4,5-Tetrachloroben...	9.010	216	18194	52.158	ng	98
41) Hexachlorocyclopentadiene	8.998	237	18763	90.916	ng	99
43) 2,4,6-Trichlorophenol	9.122	196	11524	46.538	ng	95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	12583	49.489	ng		98
46) 1,1'-Biphenyl	9.310	154	47016	50.381	ng		98
47) 2-Chloronaphthalene	9.333	162	37319	50.516	ng		98
48) 2-Nitroaniline	9.428	65	10910	56.400	ng		94
49) Acenaphthylene	9.751	152	57582	50.543	ng		99
50) Dimethylphthalate	9.610	163	43897	50.993	ng	#	99
51) 2,6-Dinitrotoluene	9.675	165	9281	48.801	ng		97
52) Acenaphthene	9.922	154	34206	45.292	ng		98
53) 3-Nitroaniline	9.839	138	3406	17.023	ng	#	80
54) 2,4-Dinitrophenol	9.951	184	8923	81.139	ng		94
55) Dibenzofuran	10.092	168	53435	49.514	ng		99
56) 4-Nitrophenol	10.004	139	11891	75.259	ng	#	83
57) 2,4-Dinitrotoluene	10.075	165	12822	49.682	ng	#	96
58) Fluorene	10.433	166	40833	49.322	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.210	232	9476	47.191	ng	#	94
60) Diethylphthalate	10.310	149	45001	50.271	ng		98
61) 4-Chlorophenyl-phenyle...	10.428	204	19824	49.534	ng		89
62) 4-Nitroaniline	10.457	138	8181	41.323	ng		93
63) Azobenzene	10.586	77	41389	52.262	ng		94
65) 4,6-Dinitro-2-methylph...	10.486	198	5870	41.373	ng		85
66) n-Nitrosodiphenylamine	10.545	169	35253	49.655	ng		98
67) 4-Bromophenyl-phenylether	10.916	248	11780	50.700	ng		93
68) Hexachlorobenzene	10.980	284	13420	55.614	ng	#	89
69) Atrazine	11.075	200	11379	52.717	ng		93
70) Pentachlorophenol	11.175	266	12688	84.558	ng		90
71) Phenanthrene	11.398	178	57094	48.454	ng		98
72) Anthracene	11.451	178	59606	50.600	ng		99
73) Carbazole	11.604	167	48015	43.484	ng		99
74) Di-n-butylphthalate	11.927	149	70550	47.969	ng		99
75) Fluoranthene	12.586	202	54594	45.403	ng		97
77) Benzidine	12.704	184	11521	30.963	ng		96
78) Pyrene	12.816	202	55160	52.804	ng		98
80) Butylbenzylphthalate	13.427	149	25346	50.659	ng		98
81) Benzo(a)anthracene	13.998	228	41988	48.681	ng		99
82) 3,3'-Dichlorobenzidine	13.957	252	4732	19.769	ng		96
83) Chrysene	14.039	228	40718	49.001	ng		98
84) Bis(2-ethylhexyl)phtha...	13.980	149	35413	48.053	ng		98
85) Di-n-octyl phthalate	14.592	149	53665	44.874	ng		99
87) Indeno(1,2,3-cd)pyrene	16.945	276	43308	63.636	ng	#	93
88) Benzo(b)fluoranthene	15.045	252	38960	46.942	ng		95
89) Benzo(k)fluoranthene	15.074	252	33578m	44.278	ng		
90) Benzo(a)pyrene	15.415	252	35247	50.838	ng	#	94
91) Dibenzo(a,h)anthracene	16.962	278	35875	60.216	ng		96
92) Benzo(g,h,i)perylene	17.392	276	37600	66.553	ng	#	91

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

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