Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092321\
Data File : BF125604.D
Acq On : 23 Sep 2021 21:50
Operator : JU/CG
Sample : M3889-03MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-UST-04-(6-8)MSD

Manual Integrations APPROVED
mohammad
9/24/2021 5:30:13 PM

Quant Time: Sep 24 04:19:19 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 21 19:21:36 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	229913	20.000	ng	0.00
21) Naphthalene-d8	8.180	136	942956	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	498393	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	883627	20.000	ng	0.00
76) Chrysene-d12	14.062	240	629411	20.000	ng	0.00
86) Perylene-d12	15.539	264	580938	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1506033	103.586	ng	0.00
7) Phenol-d6	6.522	99	1854769	98.945	ng	0.00
23) Nitrobenzene-d5	7.457	82	1130605	76.475	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	542929	111.220	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2189614	78.698	ng	0.00
79) Terphenyl-d14	13.010	244	2241172	57.500	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.734	88	243151	41.480	ng	# 100
3) Pyridine	3.493	79	559299	35.608	ng	# 71
4) n-Nitrosodimethylamine	3.445	42	260142	41.991	ng	# 1
6) Aniline	6.557	93	853799	39.562	ng	94
8) 2-Chlorophenol	6.681	128	746814	44.982	ng	98
9) Benzaldehyde	6.445	77	443633	51.288	ng	93
10) Phenol	6.534	94	843160	44.190	ng	89
11) bis(2-Chloroethyl)ether	6.628	93	676135	44.325	ng	99
12) 1,3-Dichlorobenzene	6.839	146	766240	42.941	ng	96
13) 1,4-Dichlorobenzene	6.916	146	782987	43.411	ng	97
14) 1,2-Dichlorobenzene	7.069	146	752878	44.693	ng	98
15) Benzyl Alcohol	7.033	79	574566	42.831	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.169	45	867414	41.327	ng	89
17) 2-Methylphenol	7.145	107	582293	43.939	ng	97
18) Hexachloroethane	7.410	117	278434	43.356	ng	93
19) n-Nitroso-di-n-propyla...	7.310	70	452512	40.333	ng	# 68
20) 3+4-Methylphenols	7.292	107	701657	42.582	ng	90
22) Acetophenone	7.304	105	935626	42.884	ng	# 90
24) Nitrobenzene	7.475	77	689111	43.987	ng	97
25) Isophorone	7.716	82	1267269	39.832	ng	94
26) 2-Nitrophenol	7.792	139	385418	54.635	ng	# 93
27) 2,4-Dimethylphenol	7.828	122	677286	47.905	ng	96
28) bis(2-Chloroethoxy)met...	7.928	93	828370	45.318	ng	98
29) 2,4-Dichlorophenol	8.033	162	619613	43.352	ng	98
30) 1,2,4-Trichlorobenzene	8.122	180	639039	42.424	ng	97
31) Naphthalene	8.204	128	2072115	42.788	ng	99
32) Benzoic acid	7.945	122	478928	55.791	ng	98
33) 4-Chloroaniline	8.239	127	482820	24.323	ng	99
34) Hexachlorobutadiene	8.322	225	352292	41.476	ng	100
35) Caprolactam	8.616	113	200084m	51.045	ng	
36) 4-Chloro-3-methylphenol	8.722	107	618408	44.046	ng	97
37) 2-Methylnaphthalene	8.892	142	1412979	43.077	ng	98
38) 1-Methylnaphthalene	8.992	142	1309812	42.559	ng	99
40) 1,2,4,5-Tetrachloroben...	9.057	216	558279	41.602	ng	98
41) Hexachlorocyclopentadiene	9.051	237	714854	95.254	ng	98
43) 2,4,6-Trichlorophenol	9.169	196	441218	43.638	ng	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	474284	44.699	ng		92
46) 1,1'-Biphenyl	9.357	154	1607564	42.809	ng		96
47) 2-Chloronaphthalene	9.380	162	1346621	43.175	ng		98
48) 2-Nitroaniline	9.475	65	361408	54.303	ng		86
49) Acenaphthylene	9.798	152	2035583	44.408	ng		97
50) Dimethylphthalate	9.657	163	1528742	44.569	ng		98
51) 2,6-Dinitrotoluene	9.716	165	344469	50.478	ng	#	89
52) Acenaphthene	9.969	154	1348777	46.614	ng		96
53) 3-Nitroaniline	9.880	138	259877	35.856	ng		87
54) 2,4-Dinitrophenol	9.986	184	317503	129.143	ng	#	78
55) Dibenzofuran	10.145	168	1821727	42.426	ng		95
56) 4-Nitrophenol	10.039	139	624827	106.273	ng		88
57) 2,4-Dinitrotoluene	10.122	165	467343	57.145	ng	#	76
58) Fluorene	10.486	166	1357795	41.115	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.257	232	365975	45.922	ng	#	90
60) Diethylphthalate	10.357	149	1509812	44.662	ng		99
61) 4-Chlorophenyl-phenyle...	10.474	204	622861	42.408	ng		92
62) 4-Nitroaniline	10.498	138	375898	57.392	ng	#	77
63) Azobenzene	10.639	77	1358762	41.366	ng		83
65) 4,6-Dinitro-2-methylph...	10.527	198	212317	49.498	ng	#	69
66) n-Nitrosodiphenylamine	10.592	169	1274067	39.715	ng		95
67) 4-Bromophenyl-phenylether	10.969	248	406597	40.265	ng		94
68) Hexachlorobenzene	11.033	284	474455	41.691	ng	#	86
69) Atrazine	11.121	200	409711	47.491	ng		93
70) Pentachlorophenol	11.227	266	540124	83.246	ng		94
71) Phenanthrene	11.451	178	2058725	41.477	ng		97
72) Anthracene	11.498	178	2118685	42.822	ng		97
73) Carbazole	11.651	167	1963667	41.964	ng		98
74) Di-n-butylphthalate	11.980	149	2305546	41.515	ng		99
75) Fluoranthene	12.633	202	2162486	44.409	ng		95
77) Benzidine	12.751	184	1163322	65.184	ng		97
78) Pyrene	12.863	202	2179583	36.952	ng		94
80) Butylbenzylphthalate	13.480	149	989478	41.516	ng		95
81) Benzo(a)anthracene	14.051	228	1712181	39.962	ng		99
82) 3,3'-Dichlorobenzidine	14.009	252	567180	43.205	ng		97
83) Chrysene	14.092	228	1778561	41.093	ng		95
84) Bis(2-ethylhexyl)phtha...	14.045	149	1268145	43.525	ng		99
85) Di-n-octyl phthalate	14.657	149	2162430	44.636	ng	#	89
87) Indeno(1,2,3-cd)pyrene	17.033	276	1811509	43.438	ng		97
88) Benzo(b)fluoranthene	15.109	252	1738579	40.920	ng		98
89) Benzo(k)fluoranthene	15.139	252	1686400	43.401	ng	#	96
90) Benzo(a)pyrene	15.480	252	1646785	44.534	ng		97
91) Dibenzo(a,h)anthracene	17.056	278	1501903	42.493	ng		98
92) Benzo(g,h,i)perylene	17.492	276	1539800	44.141	ng		93

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

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