Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091021\
Data File : BF125430.D
Acq On : 10 Sep 2021 18:32
Operator : JU/CG
Sample : M3693-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WFM-1MSD

Manual Integrations APPROVED
mohammad
9/14/2021 2:47:33 PM

Quant Time: Sep 11 01:07:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 08 14:14:01 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.886	152	189621	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	746974	20.000	ng	#	0.00
39) Acenaphthene-d10	9.927	164	397807	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	664365	20.000	ng		0.00
76) Chrysene-d12	14.063	240	374432	20.000	ng	#	0.00
86) Perylene-d12	15.551	264	384085	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	771381	61.573	ng		0.01
7) Phenol-d6	6.528	99	959500	59.219	ng		0.00
23) Nitrobenzene-d5	7.451	82	647015	43.607	ng		0.00
42) 2,4,6-Tribromophenol	10.722	330	290612	73.184	ng		0.00
45) 2-Fluorobiphenyl	9.245	172	1062165	37.213	ng		0.00
79) Terphenyl-d14	12.998	244	966484	41.121	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.757	88	210469	34.046	ng	#	100
3) Pyridine	3.516	79	488314	29.923	ng	#	91
4) n-Nitrosodimethylamine	3.481	42	309646	37.918	ng	#	38
6) Aniline	6.551	93	685069	35.995	ng	#	86
8) 2-Chlorophenol	6.675	128	512078	40.068	ng	#	79
9) Benzaldehyde	6.439	77	352530	31.003	ng		94
10) Phenol	6.545	94	676858	39.891	ng		73
11) bis(2-Chloroethyl)ether	6.622	93	539081	40.341	ng		85
12) 1,3-Dichlorobenzene	6.828	146	572361	38.648	ng		96
13) 1,4-Dichlorobenzene	6.904	146	578526	39.205	ng		97
14) 1,2-Dichlorobenzene	7.057	146	551947	39.757	ng		98
15) Benzyl Alcohol	7.034	79	500102	40.088	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.163	45	968641	36.144	ng		93
17) 2-Methylphenol	7.145	107	423997	39.494	ng	#	92
18) Hexachloroethane	7.398	117	206678	39.997	ng	#	85
19) n-Nitroso-di-n-propyla...	7.304	70	370770	38.045	ng	#	75
20) 3+4-Methylphenols	7.298	107	477736	35.450	ng	#	64
22) Acetophenone	7.298	105	708404	36.849	ng	#	86
24) Nitrobenzene	7.475	77	604935	37.417	ng		89
25) Isophorone	7.716	82	1060135	37.038	ng	#	91
26) 2-Nitrophenol	7.786	139	285225	44.182	ng	#	79
27) 2,4-Dimethylphenol	7.828	122	454578	40.222	ng		87
28) bis(2-Chloroethoxy)met...	7.922	93	649486	40.982	ng	#	97
29) 2,4-Dichlorophenol	8.033	162	448250	38.891	ng		95
30) 1,2,4-Trichlorobenzene	8.110	180	480205	38.207	ng		95
31) Naphthalene	8.192	128	1381285	36.107	ng		99
32) Benzoic acid	7.975	122	333211	43.439	ng	#	85
33) 4-Chloroaniline	8.245	127	370778	24.586	ng	#	93
34) Hexachlorobutadiene	8.304	225	311799	38.906	ng		99
35) Caprolactam	8.633	113	151508m	50.750	ng		
36) 4-Chloro-3-methylphenol	8.733	107	482212	40.982	ng		93
37) 2-Methylnaphthalene	8.886	142	967147	38.259	ng		99
38) 1-Methylnaphthalene	8.986	142	891148	37.750	ng		96
40) 1,2,4,5-Tetrachloroben...	9.051	216	496129	38.172	ng		97
41) Hexachlorocyclopentadiene	9.033	237	405920	59.445	ng		99
43) 2,4,6-Trichlorophenol	9.169	196	351099	38.365	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	364680	37.877	ng		94
46) 1,1'-Biphenyl	9.351	154	1117731	34.851	ng		99
47) 2-Chloronaphthalene	9.375	162	927045	35.570	ng		97
48) 2-Nitroaniline	9.475	65	348294	43.112	ng	#	81
49) Acenaphthylene	9.792	152	1386428	36.506	ng		98
50) Dimethylphthalate	9.657	163	1122987	40.736	ng	#	97
51) 2,6-Dinitrotoluene	9.716	165	245985	41.151	ng	#	79
52) Acenaphthene	9.963	154	814123	34.579	ng		98
53) 3-Nitroaniline	9.886	138	191092	29.643	ng	#	76
54) 2,4-Dinitrophenol	9.998	184	218409	92.500	ng	#	83
55) Dibenzofuran	10.139	168	1189567	35.108	ng		97
56) 4-Nitrophenol	10.063	139	355821	69.703	ng	#	77
57) 2,4-Dinitrotoluene	10.127	165	321932	44.498	ng	#	95
58) Fluorene	10.480	166	961179	38.370	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	277273	38.807	ng	#	85
60) Diethylphthalate	10.351	149	1087198	40.453	ng		99
61) 4-Chlorophenyl-phenyle...	10.469	204	496859	39.229	ng		88
62) 4-Nitroaniline	10.510	138	238615	41.163	ng	#	83
63) Azobenzene	10.627	77	1075708	35.684	ng		91
65) 4,6-Dinitro-2-methylph...	10.533	198	148810	42.321	ng		79
66) n-Nitrosodiphenylamine	10.592	169	916720	38.536	ng		95
67) 4-Bromophenyl-phenylether	10.957	248	338186	42.391	ng		96
68) Hexachlorobenzene	11.027	284	350188	42.669	ng	#	84
69) Atrazine	11.122	200	300434	44.012	ng		89
70) Pentachlorophenol	11.227	266	341390	71.240	ng		91
71) Phenanthrene	11.445	178	1548849	42.310	ng		97
72) Anthracene	11.498	178	1421922	39.408	ng		97
73) Carbazole	11.651	167	1197139	36.307	ng		99
74) Di-n-butylphthalate	11.974	149	1563985	39.971	ng		99
75) Fluoranthene	12.633	202	1521710	41.894	ng		97
77) Benzidine	12.757	184	838494	64.120	ng		99
78) Pyrene	12.863	202	1476423	45.968	ng		95
80) Butylbenzylphthalate	13.474	149	551851	43.726	ng		90
81) Benzo(a)anthracene	14.051	228	1164763	43.174	ng		98
82) 3,3'-Dichlorobenzidine	14.015	252	391502	46.815	ng	#	98
83) Chrysene	14.092	228	1120126	41.984	ng		97
84) Bis(2-ethylhexyl)phtha...	14.027	149	745291	42.966	ng		100
85) Di-n-octyl phthalate	14.645	149	1208266	41.881	ng	#	98
87) Indeno(1,2,3-cd)pyrene	17.068	276	1214325	43.886	ng	#	89
88) Benzo(b)fluoranthene	15.115	252	1268575	45.209	ng	#	95
89) Benzo(k)fluoranthene	15.151	252	1001876m	38.262	ng		
90) Benzo(a)pyrene	15.492	252	1137682m	45.899	ng		
91) Dibenzo(a,h)anthracene	17.086	278	955325	39.941	ng	#	92
92) Benzo(g,h,i)perylene	17.527	276	1017968	44.140	ng	#	88

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

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