Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082321\
Data File : BF125161.D
Acq On : 23 Aug 2021 18:34
Operator : JU/CG
Sample : M3468-01MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SAMPLE-11-(647.00)MS

Manual Integrations APPROVED
mohammad
8/24/2021 11:19:47 AM

Quant Time: Aug 24 04:47:37 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 23 10:15:49 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.922	152	161342	20.000	ng		0.00
21) Naphthalene-d8	8.204	136	643732	20.000	ng	#	0.00
39) Acenaphthene-d10	9.963	164	348331	20.000	ng		0.00
64) Phenanthrene-d10	11.451	188	668024	20.000	ng		0.00
76) Chrysene-d12	14.092	240	405667	20.000	ng		0.00
86) Perylene-d12	15.592	264	376228	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.557	112	1196564	112.253	ng		0.02
7) Phenol-d6	6.551	99	1426704	103.488	ng		0.00
23) Nitrobenzene-d5	7.487	82	1105766	86.478	ng		0.00
42) 2,4,6-Tribromophenol	10.757	330	542990	156.161	ng		0.00
45) 2-Fluorobiphenyl	9.281	172	1918853	76.777	ng		0.00
79) Terphenyl-d14	13.039	244	2280335	89.551	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.934	88	199792	37.984	ng	#	100
3) Pyridine	3.628	79	379289	27.315	ng		91
4) n-Nitrosodimethylamine	3.575	42	311102	44.774	ng	#	53
6) Aniline	6.587	93	420601	25.973	ng	#	93
8) 2-Chlorophenol	6.710	128	489495	45.015	ng		81
9) Benzaldehyde	6.475	77	215689	22.293	ng		91
10) Phenol	6.563	94	582302	40.333	ng		97
11) bis(2-Chloroethyl)ether	6.657	93	519175	45.661	ng		85
12) 1,3-Dichlorobenzene	6.863	146	531029	42.142	ng		96
13) 1,4-Dichlorobenzene	6.940	146	535690	42.665	ng		97
14) 1,2-Dichlorobenzene	7.092	146	518342	43.881	ng		98
15) Benzyl Alcohol	7.063	79	500799	47.181	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.198	45	1015196	44.521	ng		99
17) 2-Methylphenol	7.169	107	411542	45.053	ng		95
18) Hexachloroethane	7.439	117	193881	44.097	ng	#	83
19) n-Nitroso-di-n-propyla...	7.340	70	376083	45.354	ng	#	80
20) 3+4-Methylphenols	7.322	107	490553	42.782	ng		94
22) Acetophenone	7.334	105	716201	43.230	ng		94
24) Nitrobenzene	7.504	77	597455	42.881	ng	#	85
25) Isophorone	7.745	82	1051138	42.613	ng	#	89
26) 2-Nitrophenol	7.822	139	271168	48.741	ng	#	81
27) 2,4-Dimethylphenol	7.851	122	463509	47.590	ng		87
28) bis(2-Chloroethoxy)met...	7.951	93	636108	46.575	ng	#	97
29) 2,4-Dichlorophenol	8.057	162	446205	44.922	ng		93
30) 1,2,4-Trichlorobenzene	8.145	180	463054	42.751	ng		94
31) Naphthalene	8.228	128	1373134	41.651	ng		99
32) Benzoic acid	7.975	122	302927	45.825	ng	#	83
33) 4-Chloroaniline	8.269	127	212879	16.379	ng	#	90
34) Hexachlorobutadiene	8.345	225	289355	41.896	ng		98
35) Caprolactam	8.651	113	121157m	47.092	ng		
36) 4-Chloro-3-methylphenol	8.751	107	488987	48.223	ng		90
37) 2-Methylnaphthalene	8.922	142	966326	44.357	ng		98
38) 1-Methylnaphthalene	9.022	142	889146	43.706	ng		97
40) 1,2,4,5-Tetrachloroben...	9.086	216	466474	40.989	ng		98
41) Hexachlorocyclopentadiene	9.075	237	553495	92.570	ng		97
43) 2,4,6-Trichlorophenol	9.192	196	350110	43.691	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.233	196	375760	44.572	ng		94
46) 1,1'-Biphenyl	9.386	154	1123775	40.017	ng		99
47) 2-Chloronaphthalene	9.410	162	946015	41.454	ng		99
48) 2-Nitroaniline	9.504	65	358121	50.624	ng	#	83
49) Acenaphthylene	9.828	152	1441048	43.334	ng		98
50) Dimethylphthalate	9.686	163	1134763	47.009	ng	#	98
51) 2,6-Dinitrotoluene	9.745	165	249658	47.697	ng	#	77
52) Acenaphthene	9.998	154	1005955m	48.796	ng		
53) 3-Nitroaniline	9.916	138	190262	33.707	ng	#	80
54) 2,4-Dinitrophenol	10.022	184	281662	136.232	ng	#	83
55) Dibenzofuran	10.175	168	1259300	42.445	ng		98
56) 4-Nitrophenol	10.075	139	400630	89.628	ng	#	76
57) 2,4-Dinitrotoluene	10.151	165	344282	54.347	ng	#	95
58) Fluorene	10.516	166	981482	44.746	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.286	232	305688	48.860	ng	#	86
60) Diethylphthalate	10.386	149	1104857	46.950	ng		99
61) 4-Chlorophenyl-phenyle...	10.504	204	495375	44.668	ng		89
62) 4-Nitroaniline	10.533	138	269540	53.103	ng		85
63) Azobenzene	10.663	77	1160022	43.947	ng		92
65) 4,6-Dinitro-2-methylph...	10.557	198	181257	51.266	ng		97
66) n-Nitrosodiphenylamine	10.622	169	964121	40.307	ng		96
67) 4-Bromophenyl-phenylether	10.992	248	353937	44.122	ng		97
68) Hexachlorobenzene	11.063	284	372020	45.081	ng	#	85
69) Atrazine	11.151	200	333154	48.538	ng		93
70) Pentachlorophenol	11.257	266	436540	90.597	ng		91
71) Phenanthrene	11.480	178	1525401	41.442	ng		98
72) Anthracene	11.533	178	1551260	42.757	ng		97
73) Carbazole	11.680	167	1392492	42.001	ng		100
74) Di-n-butylphthalate	12.010	149	1724385	43.829	ng		100
75) Fluoranthene	12.669	202	1612092	44.139	ng		96
77) Benzidine	12.780	184	157859	11.142	ng		97
78) Pyrene	12.898	202	1609581	46.255	ng		96
80) Butylbenzylphthalate	13.510	149	639548	46.773	ng		90
81) Benzo(a)anthracene	14.086	228	1239938	42.422	ng		99
82) 3,3'-Dichlorobenzidine	14.045	252	326812	36.071	ng	#	99
83) Chrysene	14.121	228	1207275	41.766	ng		97
84) Bis(2-ethylhexyl)phtha...	14.068	149	847698	45.107	ng	#	98
85) Di-n-octyl phthalate	14.686	149	1310525	41.928	ng		99
87) Indeno(1,2,3-cd)pyrene	17.115	276	1286675	47.472	ng	#	89
88) Benzo(b)fluoranthene	15.151	252	1244772	45.287	ng	#	94
89) Benzo(k)fluoranthene	15.186	252	1027550m	40.062	ng		
90) Benzo(a)pyrene	15.533	252	1113365	45.856	ng	#	95
91) Dibenzo(a,h)anthracene	17.139	278	1077143	45.975	ng	#	94
92) Benzo(g,h,i)perylene	17.580	276	1072135	47.460	ng	#	87

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

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