Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121821\
Data File : BF126256.D
Acq On : 18 Dec 2021 16:11
Operator : JU/CG
Sample : M5082-02MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SASP2-121-1(55-62)MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/29/2021

Quant Time: Dec 20 08:02:46 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 16 12:22:48 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.816	152	215326	20.000	ng		0.00
21) Naphthalene-d8	8.104	136	952978	20.000	ng	#	0.00
39) Acenaphthene-d10	9.857	164	447346	20.000	ng		0.00
64) Phenanthrene-d10	11.339	188	705204	20.000	ng	#	0.00
76) Chrysene-d12	13.980	240	370287	20.000	ng		0.01
86) Perylene-d12	15.421	264	352376	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	1497081	102.388	ng		0.02
7) Phenol-d6	6.451	99	1959889	105.564	ng		0.00
23) Nitrobenzene-d5	7.381	82	1279550	72.719	ng		0.00
42) 2,4,6-Tribromophenol	10.645	330	378911	105.397	ng		0.00
45) 2-Fluorobiphenyl	9.180	172	1666831	65.350	ng		0.00
79) Terphenyl-d14	12.927	244	1425633	66.919	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.651	88	317820	44.529	ng	#	100
3) Pyridine	3.381	79	715053	37.725	ng	#	76
4) n-Nitrosodimethylamine	3.334	42	361353	49.604	ng	#	1
6) Aniline	6.481	93	1042785	44.218	ng		97
8) 2-Chlorophenol	6.604	128	763801	51.512	ng		92
9) Benzaldehyde	6.363	77	557928	49.800	ng		95
10) Phenol	6.463	94	1030562	49.450	ng		94
11) bis(2-Chloroethyl)ether	6.557	93	802169	49.588	ng		99
12) 1,3-Dichlorobenzene	6.757	146	699313	46.754	ng		98
13) 1,4-Dichlorobenzene	6.834	146	698134	46.221	ng		94
14) 1,2-Dichlorobenzene	6.986	146	679238	48.637	ng		94
15) Benzyl Alcohol	6.963	79	675752	49.858	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.098	45	1295505	48.938	ng		93
17) 2-Methylphenol	7.075	107	644007	49.580	ng		97
18) Hexachloroethane	7.334	117	289017	48.646	ng		96
19) n-Nitroso-di-n-propyla...	7.239	70	532122	46.688	ng	#	71
20) 3+4-Methylphenols	7.228	107	694152	45.204	ng	#	83
22) Acetophenone	7.234	105	977647	44.576	ng		95
24) Nitrobenzene	7.398	77	829710	47.235	ng		90
25) Isophorone	7.645	82	1566213	47.135	ng	#	88
26) 2-Nitrophenol	7.716	139	394574	49.829	ng	#	81
27) 2,4-Dimethylphenol	7.757	122	686272	51.033	ng		97
28) bis(2-Chloroethoxy)met...	7.851	93	1001765	45.855	ng	#	97
29) 2,4-Dichlorophenol	7.957	162	560143	46.860	ng		91
30) 1,2,4-Trichlorobenzene	8.045	180	554918	44.881	ng		98
31) Naphthalene	8.122	128	2028127	45.508	ng		99
32) Benzoic acid	7.886	122	551544	47.608	ng		90
33) 4-Chloroaniline	8.169	127	528327	28.392	ng		97
34) Hexachlorobutadiene	8.245	225	269213	44.333	ng		99
35) Caprolactam	8.551	113	226338m	76.190	ng		
36) 4-Chloro-3-methylphenol	8.657	107	670213	47.532	ng		92
37) 2-Methylnaphthalene	8.816	142	1281119	46.678	ng		98
38) 1-Methylnaphthalene	8.916	142	1196458	44.921	ng		95
40) 1,2,4,5-Tetrachloroben...	8.986	216	417638	43.256	ng	#	95
41) Hexachlorocyclopentadiene	8.975	237	518658	93.809	ng		97
43) 2,4,6-Trichlorophenol	9.092	196	346857	45.669	ng		93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.133	196	353541	44.950	ng		96
46) 1,1'-Biphenyl	9.280	154	1477580	44.671	ng		96
47) 2-Chloronaphthalene	9.304	162	1098680	44.147	ng		96
48) 2-Nitroaniline	9.398	65	442522	48.716	ng		89
49) Acenaphthylene	9.722	152	1718311	45.186	ng		97
50) Dimethylphthalate	9.586	163	1280514	45.188	ng		98
51) 2,6-Dinitrotoluene	9.645	165	298891	48.731	ng		96
52) Acenaphthene	9.892	154	1208039	48.985	ng		99
53) 3-Nitroaniline	9.810	138	269594	34.582	ng	#	79
54) 2,4-Dinitrophenol	9.916	184	282364	111.807	ng	#	82
55) Dibenzofuran	10.069	168	1466507	43.677	ng		96
56) 4-Nitrophenol	9.975	139	563535	100.075	ng	#	77
57) 2,4-Dinitrotoluene	10.045	165	391770	50.073	ng	#	90
58) Fluorene	10.410	166	1011221	41.602	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.180	232	265775	45.574	ng	#	100
60) Diethylphthalate	10.286	149	1250776	43.922	ng		98
61) 4-Chlorophenyl-phenyle...	10.398	204	447907	40.926	ng		97
62) 4-Nitroaniline	10.427	138	346623	53.004	ng	#	72
63) Azobenzene	10.557	77	1528254	44.307	ng		84
65) 4,6-Dinitro-2-methylph...	10.451	198	182203	47.315	ng		91
66) n-Nitrosodiphenylamine	10.522	169	1005043	44.407	ng		98
67) 4-Bromophenyl-phenylether	10.886	248	296236	44.759	ng	#	88
68) Hexachlorobenzene	10.957	284	345835	45.433	ng	#	85
69) Atrazine	11.045	200	301112	72.599	ng		98
70) Pentachlorophenol	11.145	266	366048	86.681	ng		92
71) Phenanthrene	11.369	178	1577277	43.334	ng		95
72) Anthracene	11.422	178	1635521	44.768	ng		98
73) Carbazole	11.569	167	1519241	44.158	ng		100
74) Di-n-butylphthalate	11.910	149	1917710	43.969	ng		100
75) Fluoranthene	12.551	202	1487503	45.360	ng		90
77) Benzidine	12.674	184	813515	139.354	ng		98
78) Pyrene	12.780	202	1534313	45.101	ng		96
80) Butylbenzylphthalate	13.404	149	748188	46.736	ng	#	82
81) Benzo(a)anthracene	13.968	228	937606	42.747	ng		99
82) 3,3'-Dichlorobenzidine	13.927	252	290445	28.985	ng	#	97
83) Chrysene	14.004	228	1035001	45.416	ng		98
84) Bis(2-ethylhexyl)phtha...	13.968	149	812780	45.434	ng		100
85) Di-n-octyl phthalate	14.574	149	1559305	48.897	ng		99
87) Indeno(1,2,3-cd)pyrene	16.856	276	1082850	46.071	ng	#	92
88) Benzo(b)fluoranthene	15.004	252	1112916	52.564	ng	#	95
89) Benzo(k)fluoranthene	15.033	252	886625	43.775	ng	#	95
90) Benzo(a)pyrene	15.362	252	990976	56.315	ng	#	95
91) Dibenzo(a,h)anthracene	16.874	278	902529	47.237	ng	#	94
92) Benzo(g,h,i)perylene	17.286	276	939602	47.530	ng		92

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

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