Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010322\
Data File : BF126461.D
Acq On : 3 Jan 2022 17:55
Operator : JU/CG
Sample : M5245-01MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SASP2-123-1-65-72MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/04/2022
Supervised By :Jagrut Upadhyay 01/04/2022

Quant Time: Jan 04 05:20:34 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 30 04:30:49 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.798	152	103737	20.000	ng		0.00
21) Naphthalene-d8	8.081	136	382077	20.000	ng		0.00
39) Acenaphthene-d10	9.834	164	155884	20.000	ng		0.00
64) Phenanthrene-d10	11.322	188	266196	20.000	ng		0.00
76) Chrysene-d12	13.963	240	189161	20.000	ng		0.00
86) Perylene-d12	15.398	264	149861	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	897529	124.247	ng		0.02
7) Phenol-d6	6.434	99	1072452	114.624	ng		0.00
23) Nitrobenzene-d5	7.363	82	686687	92.282	ng		0.00
42) 2,4,6-Tribromophenol	10.628	330	178237	147.965	ng		0.00
45) 2-Fluorobiphenyl	9.157	172	839764	94.798	ng		0.00
79) Terphenyl-d14	12.910	244	856466	87.970	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.581	88	219638	60.632	ng		99
3) Pyridine	3.310	79	446603	45.705	ng		97
4) n-Nitrosodimethylamine	3.263	42	218480	54.384	ng		97
6) Aniline	6.457	93	191316	16.444	ng		94
8) 2-Chlorophenol	6.587	128	400099	55.539	ng		92
9) Benzaldehyde	6.346	77	287343	49.610	ng		96
10) Phenol	6.451	94	505148	48.380	ng		99
11) bis(2-Chloroethyl)ether	6.534	93	447832	56.171	ng		97
12) 1,3-Dichlorobenzene	6.740	146	409442	56.876	ng		98
13) 1,4-Dichlorobenzene	6.816	146	408281	56.818	ng		98
14) 1,2-Dichlorobenzene	6.969	146	387497	55.345	ng		98
15) Benzyl Alcohol	6.940	79	334550	51.106	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.075	45	675746	53.968	ng		99
17) 2-Methylphenol	7.057	107	311130	49.099	ng		98
18) Hexachloroethane	7.310	117	154991	54.137	ng		96
19) n-Nitroso-di-n-propyla...	7.216	70	262580	49.181	ng		97
20) 3+4-Methylphenols	7.210	107	343005	45.465	ng	#	80
22) Acetophenone	7.210	105	511513	57.910	ng		99
24) Nitrobenzene	7.381	77	413796	55.571	ng		97
25) Isophorone	7.622	82	732589	54.996	ng		98
26) 2-Nitrophenol	7.698	139	187747	56.876	ng		95
27) 2,4-Dimethylphenol	7.740	122	307277	59.532	ng		97
28) bis(2-Chloroethoxy)met...	7.834	93	483873	55.605	ng		99
29) 2,4-Dichlorophenol	7.939	162	253519	53.792	ng		99
30) 1,2,4-Trichlorobenzene	8.022	180	280211	57.047	ng		99
31) Naphthalene	8.104	128	1010216	56.017	ng		100
32) Benzoic acid	7.857	122	204515	53.642	ng		92
33) 4-Chloroaniline	8.151	127	82703	10.947	ng		93
34) Hexachlorobutadiene	8.222	225	143467	60.093	ng		98
35) Caprolactam	8.516	113	85938m	71.677	ng		
36) 4-Chloro-3-methylphenol	8.639	107	278459	48.413	ng		97
37) 2-Methylnaphthalene	8.792	142	605980	56.961	ng		100
38) 1-Methylnaphthalene	8.892	142	545640	53.049	ng		99
40) 1,2,4,5-Tetrachloroben...	8.963	216	214916	63.447	ng		98
41) Hexachlorocyclopentadiene	8.951	237	82454	59.787	ng		99
43) 2,4,6-Trichlorophenol	9.075	196	144950	57.862	ng		95

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	152542	56.572	ng		94
46) 1,1'-Biphenyl	9.257	154	685296	59.939	ng		99
47) 2-Chloronaphthalene	9.281	162	501438	57.904	ng		98
48) 2-Nitroaniline	9.381	65	177360	50.719	ng	#	82
49) Acenaphthylene	9.698	152	756905	57.629	ng		99
50) Dimethylphthalate	9.557	163	565912	58.153	ng		99
51) 2,6-Dinitrotoluene	9.622	165	123331	58.683	ng		89
52) Acenaphthene	9.869	154	472428	54.866	ng		98
53) 3-Nitroaniline	9.786	138	86304	29.951	ng		86
54) 2,4-Dinitrophenol	9.892	184	22044	23.393	ng		90
55) Dibenzofuran	10.039	168	652284	56.037	ng		99
56) 4-Nitrophenol	9.957	139	241880	118.028	ng		87
57) 2,4-Dinitrotoluene	10.022	165	163022	60.123	ng		92
58) Fluorene	10.386	166	468434	56.917	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.163	232	116178	60.029	ng		92
60) Diethylphthalate	10.257	149	549777	58.619	ng		99
61) 4-Chlorophenyl-phenyle...	10.375	204	206945	57.619	ng		96
62) 4-Nitroaniline	10.398	138	129574	47.745	ng		91
63) Azobenzene	10.539	77	628552	52.030	ng		95
65) 4,6-Dinitro-2-methylph...	10.428	198	18954	13.148	ng		86
66) n-Nitrosodiphenylamine	10.498	169	442942	53.633	ng		98
67) 4-Bromophenyl-phenylether	10.869	248	131810	55.786	ng		94
68) Hexachlorobenzene	10.933	284	154978	56.390	ng		99
69) Atrazine	11.022	200	136362	95.888	ng		99
70) Pentachlorophenol	11.128	266	162061	121.323	ng		98
71) Phenanthrene	11.345	178	756368	55.578	ng		99
72) Anthracene	11.398	178	797903	58.594	ng		99
73) Carbazole	11.551	167	740347	55.521	ng		99
74) Di-n-butylphthalate	11.886	149	930343	61.282	ng		99
75) Fluoranthene	12.533	202	803843	64.716	ng		99
77) Benzidine	12.657	184	322708	108.271	ng		98
78) Pyrene	12.763	202	834806	52.221	ng		98
80) Butylbenzylphthalate	13.386	149	426289	60.179	ng		88
81) Benzo(a)anthracene	13.951	228	569045	52.309	ng		98
82) 3,3'-Dichlorobenzidine	13.910	252	189551	37.349	ng		100
83) Chrysene	13.986	228	637118	57.097	ng		98
84) Bis(2-ethylhexyl)phtha...	13.945	149	516067	70.298	ng		100
85) Di-n-octyl phthalate	14.557	149	982642	77.182	ng		97
87) Indeno(1,2,3-cd)pyrene	16.821	276	511238	50.974	ng		100
88) Benzo(b)fluoranthene	14.986	252	572222	64.097	ng		98
89) Benzo(k)fluoranthene	15.016	252	550148	63.615	ng		98
90) Benzo(a)pyrene	15.339	252	527376	70.453	ng		99
91) Dibenzo(a,h)anthracene	16.839	278	429879	53.118	ng		98
92) Benzo(g,h,i)perylene	17.257	276	426607	49.504	ng		98

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

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