Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010322\
Data File : BF126456.D
Acq On : 3 Jan 2022 15:15
Operator : JU/CG
Sample : M5241-04MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jan 03 15:56:36 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

Instrument :
BNA_F
ClientSampleId :
TP-2DMS

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.798	152	125783	20.000	ng		0.00
21) Naphthalene-d8	8.081	136	440699	20.000	ng		0.00
39) Acenaphthene-d10	9.839	164	167164	20.000	ng		0.00
64) Phenanthrene-d10	11.322	188	261627	20.000	ng	#	0.00
76) Chrysene-d12	13.968	240	189172	20.000	ng		0.01
86) Perylene-d12	15.410	264	162287	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	1009043	115.202	ng		0.02
7) Phenol-d6	6.439	99	1206376	106.339	ng		0.01
23) Nitrobenzene-d5	7.363	82	777757	90.617	ng		0.00
42) 2,4,6-Tribromophenol	10.627	330	179469	138.935	ng		0.00
45) 2-Fluorobiphenyl	9.163	172	879916	92.628	ng		0.00
79) Terphenyl-d14	12.910	244	796855	81.843	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.569	88	215106	48.973	ng		98
3) Pyridine	3.304	79	439988	37.136	ng		98
4) n-Nitrosodimethylamine	3.246	42	232108	47.650	ng		99
6) Aniline	6.457	93	196893	13.957	ng	#	53
8) 2-Chlorophenol	6.587	128	417877	47.840	ng		93
9) Benzaldehyde	6.345	77	301747	42.966	ng		98
10) Phenol	6.451	94	520997	41.152	ng		99
11) bis(2-Chloroethyl)ether	6.534	93	476428	49.284	ng		97
12) 1,3-Dichlorobenzene	6.739	146	411392	47.130	ng		99
13) 1,4-Dichlorobenzene	6.816	146	415440	47.681	ng		99
14) 1,2-Dichlorobenzene	6.969	146	390771	46.030	ng		97
15) Benzyl Alcohol	6.939	79	350671	44.179	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.081	45	706079	46.507	ng		99
17) 2-Methylphenol	7.057	107	328899	42.806	ng		99
18) Hexachloroethane	7.310	117	165073	47.553	ng		99
19) n-Nitroso-di-n-propyla...	7.216	70	282338	43.613	ng		99
20) 3+4-Methylphenols	7.210	107	359575	39.308	ng	#	82
22) Acetophenone	7.210	105	530952	52.114	ng		97
24) Nitrobenzene	7.381	77	433630	50.488	ng		98
25) Isophorone	7.622	82	772697	50.291	ng		99
26) 2-Nitrophenol	7.698	139	195678	51.394	ng		98
27) 2,4-Dimethylphenol	7.739	122	320665	53.862	ng		99
28) bis(2-Chloroethoxy)met...	7.834	93	504028	50.216	ng		98
29) 2,4-Dichlorophenol	7.939	162	256690	47.220	ng		98
30) 1,2,4-Trichlorobenzene	8.022	180	283383	50.019	ng		99
31) Naphthalene	8.104	128	1081890	52.011	ng		99
32) Benzoic acid	7.857	122	225517	51.594	ng		95
33) 4-Chloroaniline	8.151	127	91833	10.538	ng		96
34) Hexachlorobutadiene	8.222	225	142595	51.783	ng		95
35) Caprolactam	8.516	113	103083m	74.540	ng		
36) 4-Chloro-3-methylphenol	8.639	107	277659	41.852	ng		99
37) 2-Methylnaphthalene	8.798	142	630969	51.421	ng		98
38) 1-Methylnaphthalene	8.898	142	557236	46.970	ng		98
40) 1,2,4,5-Tetrachloroben...	8.963	216	203401	55.995	ng		99
41) Hexachlorocyclopentadiene	8.951	237	65953	44.595	ng		99
43) 2,4,6-Trichlorophenol	9.075	196	139011	51.747	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	137709	47.624	ng	#	92
46) 1,1'-Biphenyl	9.263	154	656360	53.534	ng		99
47) 2-Chloronaphthalene	9.286	162	475953	51.253	ng		100
48) 2-Nitroaniline	9.380	65	174441	46.518	ng		88
49) Acenaphthylene	9.698	152	729753	51.813	ng		100
50) Dimethylphthalate	9.563	163	505019	48.394	ng		100
51) 2,6-Dinitrotoluene	9.622	165	116646	51.757	ng		98
52) Acenaphthene	9.875	154	482322	52.235	ng		99
53) 3-Nitroaniline	9.786	138	88419	28.614	ng		90
54) 2,4-Dinitrophenol	9.892	184	40204	36.980	ng		97
55) Dibenzofuran	10.045	168	617249	49.449	ng		98
56) 4-Nitrophenol	9.957	139	223740	101.810	ng		91
57) 2,4-Dinitrotoluene	10.022	165	150375	51.717	ng	#	98
58) Fluorene	10.386	166	451255	51.129	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.163	232	105204	50.691	ng	#	93
60) Diethylphthalate	10.263	149	510264	50.735	ng		99
61) 4-Chlorophenyl-phenyle...	10.380	204	191292	49.667	ng		94
62) 4-Nitroaniline	10.398	138	106262	36.513	ng		98
63) Azobenzene	10.539	77	587974	45.387	ng		98
65) 4,6-Dinitro-2-methylph...	10.433	198	28393	20.040	ng	#	74
66) n-Nitrosodiphenylamine	10.498	169	409598	50.462	ng		96
67) 4-Bromophenyl-phenylether	10.869	248	118154	50.880	ng		97
68) Hexachlorobenzene	10.939	284	138403	51.238	ng		97
69) Atrazine	11.027	200	121693	87.067	ng		99
70) Pentachlorophenol	11.133	266	155506	118.449	ng		100
71) Phenanthrene	11.351	178	752353	56.248	ng		99
72) Anthracene	11.398	178	723396	54.050	ng		99
73) Carbazole	11.557	167	667571	50.937	ng		99
74) Di-n-butylphthalate	11.892	149	827770	55.478	ng		99
75) Fluoranthene	12.539	202	780214	63.911	ng		99
77) Benzidine	12.657	184	113884	34.911	ng	#	95
78) Pyrene	12.768	202	810099	50.673	ng		100
80) Butylbenzylphthalate	13.386	149	367676	51.902	ng		97
81) Benzo(a)anthracene	13.957	228	557821	51.275	ng		98
82) 3,3'-Dichlorobenzidine	13.915	252	96820	19.076	ng		98
83) Chrysene	13.992	228	597319	53.527	ng		98
84) Bis(2-ethylhexyl)phtha...	13.951	149	453527	61.776	ng		99
85) Di-n-octyl phthalate	14.562	149	804723	63.203	ng		98
87) Indeno(1,2,3-cd)pyrene	16.833	276	490143	45.129	ng		98
88) Benzo(b)fluoranthene	14.992	252	581166	60.114	ng		99
89) Benzo(k)fluoranthene	15.021	252	462912	49.429	ng		99
90) Benzo(a)pyrene	15.351	252	488007	60.202	ng		98
91) Dibenzo(a,h)anthracene	16.851	278	407814	46.533	ng		98
92) Benzo(g,h,i)perylene	17.262	276	414111	44.375	ng		98

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

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