Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031522\
Data File : BF127335.D
Acq On : 15 Mar 2022 20:41
Operator : CG\JU
Sample : N1948-02MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 16 05:30:48 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 10 16:51:53 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
COMP-5MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	93940	20.000	ng		0.00
21) Naphthalene-d8	8.151	136	362484	20.000	ng	#	0.00
39) Acenaphthene-d10	9.910	164	220479	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	387387	20.000	ng	#	0.00
76) Chrysene-d12	14.051	240	211944	20.000	ng	#	0.00
86) Perylene-d12	15.533	264	218419	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	581262	99.469	ng		0.00
7) Phenol-d6	6.504	99	829816	103.226	ng		0.00
23) Nitrobenzene-d5	7.439	82	585914	66.754	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	214532	90.389	ng		0.00
45) 2-Fluorobiphenyl	9.227	172	1013056	64.961	ng		0.00
79) Terphenyl-d14	12.986	244	969551	78.772	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.722	88	107440	35.459	ng	#	82
3) Pyridine	3.481	79	292075	36.224	ng	#	73
4) n-Nitrosodimethylamine	3.457	42	191113	42.781	ng	#	63
6) Aniline	6.534	93	343170	35.721	ng		94
8) 2-Chlorophenol	6.657	128	300845	49.765	ng		96
9) Benzaldehyde	6.422	77	193202	49.088	ng		93
10) Phenol	6.522	94	429366	48.622	ng		82
11) bis(2-Chloroethyl)ether	6.604	93	320750	48.911	ng		92
12) 1,3-Dichlorobenzene	6.810	146	317228	46.748	ng		99
13) 1,4-Dichlorobenzene	6.886	146	322323	47.347	ng		98
14) 1,2-Dichlorobenzene	7.034	146	307490	47.992	ng		98
15) Benzyl Alcohol	7.016	79	302207	50.156	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.139	45	571520	46.440	ng		98
17) 2-Methylphenol	7.128	107	253660	49.357	ng	#	89
18) Hexachloroethane	7.375	117	122596	46.881	ng	#	81
19) n-Nitroso-di-n-propyla...	7.286	70	239707	47.784	ng		92
20) 3+4-Methylphenols	7.281	107	299169	44.887	ng	#	83
22) Acetophenone	7.281	105	408743	41.185	ng	#	82
24) Nitrobenzene	7.457	77	374206	45.076	ng		96
25) Isophorone	7.692	82	702826	49.798	ng	#	97
26) 2-Nitrophenol	7.769	139	159952	46.526	ng	#	73
27) 2,4-Dimethylphenol	7.804	122	275487	53.379	ng		92
28) bis(2-Chloroethoxy)met...	7.898	93	412982	46.181	ng		99
29) 2,4-Dichlorophenol	8.016	162	273013	46.192	ng		97
30) 1,2,4-Trichlorobenzene	8.092	180	297869	44.207	ng		99
31) Naphthalene	8.175	128	866227	44.798	ng		99
32) Benzoic acid	7.916	122	38716m	15.927	ng		
33) 4-Chloroaniline	8.222	127	119040	15.883	ng	#	92
34) Hexachlorobutadiene	8.280	225	191026	42.514	ng		99
35) Caprolactam	8.610	113	81505m	46.161	ng		
36) 4-Chloro-3-methylphenol	8.716	107	310066	48.403	ng		98
37) 2-Methylnaphthalene	8.869	142	589533	46.660	ng		98
38) 1-Methylnaphthalene	8.969	142	557097	45.865	ng		98
40) 1,2,4,5-Tetrachloroben...	9.033	216	304439	43.618	ng	#	95
41) Hexachlorocyclopentadiene	9.016	237	310286	104.568	ng		95
43) 2,4,6-Trichlorophenol	9.145	196	195915	44.474	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	209443	44.798	ng	#	88
46) 1,1'-Biphenyl	9.333	154	729435	43.835	ng		98
47) 2-Chloronaphthalene	9.357	162	570465	44.040	ng		100
48) 2-Nitroaniline	9.463	65	225707	45.287	ng		95
49) Acenaphthylene	9.775	152	925199	46.673	ng		98
50) Dimethylphthalate	9.633	163	715325	45.277	ng		99
51) 2,6-Dinitrotoluene	9.704	165	151900	47.531	ng		91
52) Acenaphthene	9.945	154	520604	44.058	ng		96
53) 3-Nitroaniline	9.874	138	96544	27.722	ng		96
54) 2,4-Dinitrophenol	9.986	184	16832	12.944	ng		91
55) Dibenzofuran	10.122	168	773744	42.149	ng		99
56) 4-Nitrophenol	10.045	139	168579	79.640	ng	#	71
57) 2,4-Dinitrotoluene	10.110	165	189390	45.042	ng	#	90
58) Fluorene	10.463	166	624515	43.873	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	162364	41.789	ng	#	78
60) Diethylphthalate	10.333	149	643507	44.654	ng		97
61) 4-Chlorophenyl-phenyle...	10.451	204	335192	43.451	ng		88
62) 4-Nitroaniline	10.492	138	140681	40.538	ng	#	78
63) Azobenzene	10.610	77	735484	44.398	ng		90
65) 4,6-Dinitro-2-methylph...	10.516	198	29178	12.216	ng		87
66) n-Nitrosodiphenylamine	10.574	169	543883	45.206	ng		99
67) 4-Bromophenyl-phenylether	10.945	248	209721	44.910	ng	#	89
68) Hexachlorobenzene	11.010	284	225470	44.303	ng	#	87
69) Atrazine	11.104	200	205227	49.433	ng		95
70) Pentachlorophenol	11.210	266	125685	61.166	ng		98
71) Phenanthrene	11.427	178	884554	43.255	ng		100
72) Anthracene	11.480	178	906795	44.775	ng		100
73) Carbazole	11.639	167	752152	39.439	ng		98
74) Di-n-butylphthalate	11.957	149	951448	42.653	ng		99
75) Fluoranthene	12.616	202	864078	37.790	ng		93
77) Benzidine	12.739	184	264843	49.139	ng		98
78) Pyrene	12.851	202	838576	50.797	ng		99
80) Butylbenzylphthalate	13.457	149	305562	48.095	ng	#	97
81) Benzo(a)anthracene	14.039	228	647454	45.369	ng		99
82) 3,3'-Dichlorobenzidine	13.998	252	104603	23.574	ng	#	96
83) Chrysene	14.074	228	604524	45.544	ng		99
84) Bis(2-ethylhexyl)phtha...	14.010	149	427946	50.038	ng	#	98
85) Di-n-octyl phthalate	14.627	149	692927	53.530	ng		96
87) Indeno(1,2,3-cd)pyrene	17.045	276	685727	52.115	ng	#	85
88) Benzo(b)fluoranthene	15.098	252	623930	43.519	ng	#	92
89) Benzo(k)fluoranthene	15.127	252	618010	45.845	ng	#	94
90) Benzo(a)pyrene	15.474	252	622687	55.155	ng	#	93
91) Dibenzo(a,h)anthracene	17.062	278	612859	55.963	ng	#	89
92) Benzo(g,h,i)perylene	17.503	276	579870	54.283	ng	#	85

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

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