Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041922\
Data File : BF127850.D
Acq On : 19 Apr 2022 19:40
Operator : CG\JU
Sample : N2434-02MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Apr 20 03:54:37 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 19 17:31:18 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
RCA-EDISON-PILE-1MSD

Manual Integrations APPROVED
Reviewed By :Christian Giraldo
04/20/2022
Supervised By :Jagrut Upadhyay
04/20/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.945	152	74202	20.000	ng		0.00
21) Naphthalene-d8	8.228	136	265519	20.000	ng	#	0.00
39) Acenaphthene-d10	9.992	164	151242	20.000	ng		0.00
64) Phenanthrene-d10	11.480	188	268947	20.000	ng	#	0.00
76) Chrysene-d12	14.127	240	161441	20.000	ng		0.00
86) Perylene-d12	15.639	264	134646	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.598	112	602864	127.282	ng		0.03
7) Phenol-d6	6.575	99	716774	121.184	ng		0.00
23) Nitrobenzene-d5	7.516	82	616651	107.708	ng		0.00
42) 2,4,6-Tribromophenol	10.786	330	287659	156.133	ng		0.00
45) 2-Fluorobiphenyl	9.304	172	1145696	98.945	ng		0.00
79) Terphenyl-d14	13.068	244	1182224	114.944	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.087	88	75882m	34.606	ng		
3) Pyridine	3.740	79	163888	26.171	ng	#	86
4) n-Nitrosodimethylamine	3.704	42	146627	43.724	ng	#	76
6) Aniline	6.610	93	107946	15.695	ng		98
8) 2-Chlorophenol	6.734	128	225572	46.941	ng		94
9) Benzaldehyde	6.504	77	120155	35.546	ng		98
10) Phenol	6.592	94	255795m	43.119	ng		
11) bis(2-Chloroethyl)ether	6.686	93	235959	48.381	ng		89
12) 1,3-Dichlorobenzene	6.886	146	253060	44.299	ng		99
13) 1,4-Dichlorobenzene	6.963	146	260845	47.652	ng		97
14) 1,2-Dichlorobenzene	7.116	146	245435	47.125	ng		96
15) Benzyl Alcohol	7.086	79	220606	42.852	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.216	45	302380	43.108	ng		86
17) 2-Methylphenol	7.192	107	193291	47.996	ng	#	91
18) Hexachloroethane	7.457	117	100826	44.775	ng		95
19) n-Nitroso-di-n-propyla...	7.363	70	190578	46.942	ng		97
20) 3+4-Methylphenols	7.345	107	234519	43.952	ng	#	83
22) Acetophenone	7.357	105	357128	55.997	ng	#	89
24) Nitrobenzene	7.533	77	298192	55.906	ng		99
25) Isophorone	7.769	82	511867	53.137	ng		99
26) 2-Nitrophenol	7.845	139	118059	50.716	ng	#	88
27) 2,4-Dimethylphenol	7.875	122	201181	54.710	ng		85
28) bis(2-Chloroethoxy)met...	7.975	93	284238	49.440	ng		99
29) 2,4-Dichlorophenol	8.086	162	208176	48.279	ng		94
30) 1,2,4-Trichlorobenzene	8.163	180	244527	48.070	ng		98
31) Naphthalene	8.251	128	671492	48.830	ng		98
32) Benzoic acid	7.969	122	44061	16.747	ng		99
33) 4-Chloroaniline	8.292	127	40655	7.449	ng		98
34) Hexachlorobutadiene	8.363	225	183502	48.750	ng		96
35) Caprolactam	8.680	113	44916m	33.166	ng		
36) 4-Chloro-3-methylphenol	8.780	107	221542	43.882	ng		95
37) 2-Methylnaphthalene	8.939	142	458713	46.299	ng		100
38) 1-Methylnaphthalene	9.045	142	435057	45.394	ng		98
40) 1,2,4,5-Tetrachloroben...	9.104	216	264387	48.288	ng	#	97
41) Hexachlorocyclopentadiene	9.092	237	350919	105.182	ng		97
43) 2,4,6-Trichlorophenol	9.222	196	161410	44.052	ng		100

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44) 2,4,5-Trichlorophenol	9.263	196	167205	43.112	ng		98
46) 1,1'-Biphenyl	9.410	154	586636	48.335	ng		98
47) 2-Chloronaphthalene	9.433	162	448655	45.790	ng		97
48) 2-Nitroaniline	9.533	65	152689	44.928	ng		97
49) Acenaphthylene	9.857	152	717291	51.140	ng		99
50) Dimethylphthalate	9.710	163	540841	47.645	ng		99
51) 2,6-Dinitrotoluene	9.775	165	110638	48.981	ng		93
52) Acenaphthene	10.027	154	442076	49.019	ng		96
53) 3-Nitroaniline	9.945	138	44440	19.075	ng		93
54) 2,4-Dinitrophenol	10.045	184	46914	37.013	ng	#	78
55) Dibenzofuran	10.198	168	623921	49.527	ng		93
56) 4-Nitrophenol	10.110	139	131824	76.584	ng	#	78
57) 2,4-Dinitrotoluene	10.180	165	147245	52.060	ng		94
58) Fluorene	10.539	166	496318	51.640	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.310	232	143517m	47.909	ng		
60) Diethylphthalate	10.410	149	525066	50.592	ng		97
61) 4-Chlorophenyl-phenyle...	10.533	204	272126	51.018	ng		98
62) 4-Nitroaniline	10.569	138	95671	46.010	ng	#	75
63) Azobenzene	10.692	77	535052	49.190	ng		98
65) 4,6-Dinitro-2-methylph...	10.586	198	41893	24.377	ng		95
66) n-Nitrosodiphenylamine	10.651	169	409499	46.613	ng		98
67) 4-Bromophenyl-phenylether	11.021	248	170453	46.765	ng	#	90
68) Hexachlorobenzene	11.086	284	191906	49.131	ng		96
69) Atrazine	11.180	200	153810	54.393	ng		99
70) Pentachlorophenol	11.280	266	187305	89.075	ng		97
71) Phenanthrene	11.510	178	687716	47.838	ng		99
72) Anthracene	11.563	178	701116	48.272	ng		99
73) Carbazole	11.716	167	578749	43.775	ng		98
74) Di-n-butylphthalate	12.033	149	763182	47.834	ng	#	98
75) Fluoranthene	12.698	202	712822	44.253	ng		99
77) Benzidine	12.815	184	103544	24.857	ng		98
78) Pyrene	12.933	202	703769	51.498	ng		99
80) Butylbenzylphthalate	13.539	149	256544	48.018	ng		96
81) Benzo(a)anthracene	14.115	228	527971	47.876	ng		99
82) 3,3'-Dichlorobenzidine	14.074	252	58280	16.734	ng		98
83) Chrysene	14.157	228	487364	47.396	ng		99
84) Bis(2-ethylhexyl)phtha...	14.092	149	345660	49.567	ng		96
85) Di-n-octyl phthalate	14.715	149	489027	46.558	ng	#	94
87) Indeno(1,2,3-cd)pyrene	17.198	276	447492	50.724	ng	#	95
88) Benzo(b)fluoranthene	15.192	252	455582	51.573	ng	#	97
89) Benzo(k)fluoranthene	15.227	252	405439	47.294	ng	#	97
90) Benzo(a)pyrene	15.580	252	410840	57.654	ng		98
91) Dibenzo(a,h)anthracene	17.215	278	392633	54.468	ng	#	95
92) Benzo(g,h,i)perylene	17.674	276	380827	52.020	ng	#	95

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

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