Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112222\
Data File : BF131344.D
Acq On : 22 Nov 2022 22:49
Operator : CG\JU
Sample : N5641-16MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Nov 23 04:20:04 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 22 01:17:52 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-16MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	98724	20.000	ng		0.00
21) Naphthalene-d8	8.257	136	359618	20.000	ng	#	0.00
39) Acenaphthene-d10	10.022	164	194841	20.000	ng		0.00
64) Phenanthrene-d10	11.516	188	308805	20.000	ng		0.00
76) Chrysene-d12	14.174	240	181325	20.000	ng		0.00
86) Perylene-d12	15.710	264	203163	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.581	112	678643	130.830	ng		0.01
7) Phenol-d6	6.587	99	858319	129.689	ng		0.00
23) Nitrobenzene-d5	7.534	82	555481	77.863	ng		0.00
42) 2,4,6-Tribromophenol	10.816	330	221584	135.177	ng		0.00
45) 2-Fluorobiphenyl	9.334	172	975979	72.873	ng		0.00
79) Terphenyl-d14	13.110	244	763168	68.826	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.858	88	107735	43.565	ng		98
3) Pyridine	3.610	79	279008	40.632	ng		97
4) n-Nitrosodimethylamine	3.581	42	183803	45.389	ng		95
6) Aniline	6.628	93	174906m	20.165	ng		
8) 2-Chlorophenol	6.745	128	292787	49.822	ng		99
9) Benzaldehyde	6.516	77	170128	42.428	ng		96
10) Phenol	6.598	94	347000	47.289	ng		99
11) bis(2-Chloroethyl)ether	6.698	93	278181	45.248	ng		97
12) 1,3-Dichlorobenzene	6.904	146	318549	45.481	ng		98
13) 1,4-Dichlorobenzene	6.981	146	320404	45.021	ng		98
14) 1,2-Dichlorobenzene	7.134	146	307310	46.897	ng		97
15) Benzyl Alcohol	7.104	79	265882	48.996	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.240	45	519715	44.202	ng		99
17) 2-Methylphenol	7.210	107	235624	47.042	ng		98
18) Hexachloroethane	7.481	117	121469	47.712	ng		98
19) n-Nitroso-di-n-propyla...	7.381	70	217168	44.823	ng		95
20) 3+4-Methylphenols	7.363	107	299442	46.822	ng		95
22) Acetophenone	7.381	105	415786	45.422	ng	#	96
24) Nitrobenzene	7.551	77	328358	44.176	ng		100
25) Isophorone	7.793	82	589521	46.318	ng		98
26) 2-Nitrophenol	7.869	139	140478	56.501	ng		95
27) 2,4-Dimethylphenol	7.898	122	261374	52.972	ng		98
28) bis(2-Chloroethoxy)met...	7.998	93	345523	47.796	ng		99
29) 2,4-Dichlorophenol	8.110	162	246919	46.135	ng		95
30) 1,2,4-Trichlorobenzene	8.192	180	284677	42.936	ng		100
31) Naphthalene	8.281	128	809795	42.256	ng		99
32) Benzoic acid	7.998	122	116165	40.377	ng		90
33) 4-Chloroaniline	8.322	127	39839	5.269	ng		96
34) Hexachlorobutadiene	8.392	225	181910	42.371	ng		96
35) Caprolactam	8.698	113	70738m	50.296	ng		
36) 4-Chloro-3-methylphenol	8.798	107	263526	47.393	ng		94
37) 2-Methylnaphthalene	8.969	142	544604	41.942	ng		100
38) 1-Methylnaphthalene	9.069	142	516239	41.000	ng		98
40) 1,2,4,5-Tetrachloroben...	9.134	216	284244	44.955	ng		99
41) Hexachlorocyclopentadiene	9.122	237	310471	109.229	ng		98
43) 2,4,6-Trichlorophenol	9.245	196	182897	50.991	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.281	196	192056	47.617	ng	94
46) 1,1'-Biphenyl	9.439	154	677530	45.568	ng	99
47) 2-Chloronaphthalene	9.463	162	532949	44.682	ng	98
48) 2-Nitroaniline	9.557	65	177790	49.092	ng	97
49) Acenaphthylene	9.886	152	798747	43.930	ng	100
50) Dimethylphthalate	9.739	163	615860	45.366	ng	99
51) 2,6-Dinitrotoluene	9.798	165	133031	49.001	ng	95
52) Acenaphthene	10.057	154	518587	45.548	ng	99
53) 3-Nitroaniline	9.969	138	57682	20.677	ng	97
54) 2,4-Dinitrophenol	10.075	184	79264	68.512	ng	88
55) Dibenzofuran	10.228	168	709012	43.285	ng	99
56) 4-Nitrophenol	10.122	139	180343	93.148	ng	97
57) 2,4-Dinitrotoluene	10.204	165	166786	48.827	ng	97
58) Fluorene	10.575	166	545845	42.699	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.339	232	155814	46.387	ng	100
60) Diethylphthalate	10.445	149	579047	45.174	ng	99
61) 4-Chlorophenyl-phenyle...	10.563	204	286279	43.684	ng	99
62) 4-Nitroaniline	10.592	138	115818	41.716	ng	95
63) Azobenzene	10.728	77	576659	41.840	ng	94
65) 4,6-Dinitro-2-methylph...	10.610	198	59714	45.747	ng	93
66) n-Nitrosodiphenylamine	10.681	169	475878	48.362	ng	98
67) 4-Bromophenyl-phenylether	11.057	248	178124	47.063	ng	98
68) Hexachlorobenzene	11.116	284	186837	46.512	ng	99
69) Atrazine	11.210	200	165318	54.567	ng	99
70) Pentachlorophenol	11.310	266	175277	75.393	ng	99
71) Phenanthrene	11.539	178	721378	43.225	ng	99
72) Anthracene	11.592	178	724853	44.195	ng	100
73) Carbazole	11.745	167	602007	43.030	ng	99
74) Di-n-butylphthalate	12.075	149	774149	46.959	ng	99
75) Fluoranthene	12.733	202	665459	37.841	ng	100
77) Benzidine	12.857	184	189876	56.691	ng	97
78) Pyrene	12.969	202	641195	40.079	ng	100
80) Butylbenzylphthalate	13.586	149	244948	45.725	ng	95
81) Benzo(a)anthracene	14.163	228	543413	43.722	ng	99
82) 3,3'-Dichlorobenzidine	14.121	252	75826	22.991	ng	99
83) Chrysene	14.198	228	520133	42.655	ng	100
84) Bis(2-ethylhexyl)phtha...	14.145	149	322897	45.425	ng	99
85) Di-n-octyl phthalate	14.774	149	551133	52.711	ng	98
87) Indeno(1,2,3-cd)pyrene	17.292	276	557402	40.849	ng	100
88) Benzo(b)fluoranthene	15.257	252	583423	43.228	ng	100
89) Benzo(k)fluoranthene	15.286	252	580064	41.822	ng	99
90) Benzo(a)pyrene	15.651	252	528831	47.753	ng	100
91) Dibenzo(a,h)anthracene	17.315	278	478895	42.509	ng	98
92) Benzo(g,h,i)perylene	17.774	276	429970	38.240	ng	98

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

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