Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100224\
Data File : BF139615.D
Acq On : 02 Oct 2024 19:14
Operator : RC/JU
Sample : P4222-01MS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Oct 03 01:52:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 02 04:58:47 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
TP-5MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay
10/03/2024
Supervised By :mohammad ahmed
10/04/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	89868	20.000	ng		0.00
21) Naphthalene-d8	8.151	136	338986	20.000	ng		0.00
39) Acenaphthene-d10	9.904	164	171882	20.000	ng		0.00
64) Phenanthrene-d10	11.392	188	269474	20.000	ng		0.00
76) Chrysene-d12	14.033	240	171902	20.000	ng		0.00
86) Perylene-d12	15.498	264	155896	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.492	112	570241	109.980	ng		0.00
7) Phenol-d6	6.504	99	757904	108.697	ng		0.00
23) Nitrobenzene-d5	7.434	82	491504	73.410	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	156226	94.155	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	829037	74.046	ng		0.00
79) Terphenyl-d14	12.974	244	603905	57.644	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.704	88	100584	44.870	ng		99
3) Pyridine	3.451	79	261080	47.888	ng		99
4) n-Nitrosodimethylamine	3.410	42	177463	49.729	ng		100
6) Aniline	6.528	93	211621	34.202	ng	#	72
8) 2-Chlorophenol	6.651	128	273115	49.165	ng		100
9) Benzaldehyde	6.416	77	46455	12.577	ng		97
10) Phenol	6.516	94	359136	48.984	ng		98
11) bis(2-Chloroethyl)ether	6.604	93	270703	45.347	ng		99
12) 1,3-Dichlorobenzene	6.810	146	289715	46.360	ng		99
13) 1,4-Dichlorobenzene	6.887	146	290450	45.890	ng		100
14) 1,2-Dichlorobenzene	7.034	146	280604	47.304	ng		98
15) Benzyl Alcohol	7.010	79	262408	49.255	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.139	45	498839	48.270	ng		96
17) 2-Methylphenol	7.122	107	220657	47.581	ng		98
18) Hexachloroethane	7.381	117	104905	44.436	ng		98
19) n-Nitroso-di-n-propyla...	7.281	70	210228	46.897	ng		99
20) 3+4-Methylphenols	7.275	107	276834	47.526	ng		99
22) Acetophenone	7.275	105	377887	46.963	ng		99
24) Nitrobenzene	7.451	77	315834	45.555	ng		100
25) Isophorone	7.686	82	555489	46.712	ng		99
26) 2-Nitrophenol	7.769	139	142545	47.826	ng		99
27) 2,4-Dimethylphenol	7.804	122	211228m	57.891	ng		
28) bis(2-Chloroethoxy)met...	7.898	93	328955	46.325	ng		100
29) 2,4-Dichlorophenol	8.010	162	225892	47.465	ng		98
30) 1,2,4-Trichlorobenzene	8.092	180	239165	44.437	ng		99
31) Naphthalene	8.175	128	794158	45.820	ng		100
32) Benzoic acid	7.928	122	148227	40.855	ng		98
33) 4-Chloroaniline	8.222	127	45183	7.702	ng		99
34) Hexachlorobutadiene	8.286	225	154073	44.236	ng		100
35) Caprolactam	8.592	113	73053m	46.800	ng		
36) 4-Chloro-3-methylphenol	8.710	107	243120	45.128	ng		99
37) 2-Methylnaphthalene	8.863	142	512588	45.410	ng		100
38) 1-Methylnaphthalene	8.963	142	467422	42.362	ng		100
40) 1,2,4,5-Tetrachloroben...	9.028	216	234467	49.124	ng		99
41) Hexachlorocyclopentadiene	9.010	237	127920	87.407	ng		100
43) 2,4,6-Trichlorophenol	9.139	196	158582	49.286	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	160499	46.255	ng	98
46) 1,1'-Biphenyl	9.328	154	623387	48.763	ng	100
47) 2-Chloronaphthalene	9.351	162	457117	47.697	ng	100
48) 2-Nitroaniline	9.451	65	172157	50.041	ng	99
49) Acenaphthylene	9.769	152	735677	50.476	ng	100
50) Dimethylphthalate	9.628	163	560884	49.849	ng	100
51) 2,6-Dinitrotoluene	9.692	165	117829	46.359	ng	94
52) Acenaphthene	9.939	154	474761	47.449	ng	100
53) 3-Nitroaniline	9.857	138	65945	25.389	ng	99
54) 2,4-Dinitrophenol	9.969	184	58167	42.549	ng	94
55) Dibenzofuran	10.110	168	659512	47.077	ng	99
56) 4-Nitrophenol	10.028	139	167947	84.791	ng	98
57) 2,4-Dinitrotoluene	10.092	165	150729	45.369	ng	99
58) Fluorene	10.451	166	502403	45.026	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.227	232	121775	43.451	ng	99
60) Diethylphthalate	10.327	149	547720	47.129	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	248251	44.471	ng	98
62) 4-Nitroaniline	10.475	138	100942	37.994	ng	99
63) Azobenzene	10.604	77	582697	49.857	ng	98
65) 4,6-Dinitro-2-methylph...	10.504	198	41371	27.183	ng	93
66) n-Nitrosodiphenylamine	10.563	169	441740	55.613	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	139348	50.435	ng	97
68) Hexachlorobenzene	10.998	284	144890	47.259	ng	99
69) Atrazine	11.092	200	134122	62.934	ng	99
70) Pentachlorophenol	11.192	266	153367	84.010	ng	99
71) Phenanthrene	11.416	178	624336	49.137	ng	99
72) Anthracene	11.469	178	631853	50.267	ng	99
73) Carbazole	11.622	167	564747	46.778	ng	100
74) Di-n-butylphthalate	11.951	149	730796	49.778	ng	99
75) Fluoranthene	12.604	202	612245	44.080	ng	99
77) Benzidine	12.727	184	251635	82.989	ng	99
78) Pyrene	12.833	202	622793	40.507	ng	99
80) Butylbenzylphthalate	13.451	149	257759	46.870	ng	97
81) Benzo(a)anthracene	14.021	228	557631	49.340	ng	100
82) 3,3'-Dichlorobenzidine	13.980	252	156365	45.207	ng	99
83) Chrysene	14.057	228	502702	48.651	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	354681	51.649	ng	99
85) Di-n-octyl phthalate	14.621	149	594640	58.942	ng	100
87) Indeno(1,2,3-cd)pyrene	16.974	276	379727	41.384	ng	100
88) Benzo(b)fluoranthene	15.074	252	487277	48.341	ng	99
89) Benzo(k)fluoranthene	15.104	252	446660	52.238	ng	99
90) Benzo(a)pyrene	15.439	252	414002	52.089	ng	99
91) Dibenzo(a,h)anthracene	16.992	278	315659	41.477	ng	99
92) Benzo(g,h,i)perylene	17.415	276	271755	35.605	ng	99

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

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