Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100224\
Data File : BF139605.D
Acq On : 02 Oct 2024 14:32
Operator : RC/JU
Sample : P4212-01MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Oct 02 14:54:38 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 :
TEST-PIT-NORTHMS

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	6.863	152	101481	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	387558	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	214773	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	405363	20.000	ng	0.00
76) Chrysene-d12	14.033	240	210858	20.000	ng	0.00
86) Perylene-d12	15.498	264	195170	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	554918	94.777	ng	0.00
7) Phenol-d6	6.498	99	749233	95.157	ng	0.00
23) Nitrobenzene-d5	7.428	82	495332	64.710	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	196361	94.710	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	915910	65.469	ng	0.00
79) Terphenyl-d14	12.974	244	961749	74.840	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.716	88	110151	43.515	ng	98
3) Pyridine	3.457	79	283588	46.064	ng	98
4) n-Nitrosodimethylamine	3.422	42	193215	47.947	ng	99
6) Aniline	6.528	93	277553	39.725	ng	90
8) 2-Chlorophenol	6.651	128	305839	48.755	ng	99
9) Benzaldehyde	6.416	77	52511	12.590	ng	99
10) Phenol	6.516	94	398668	48.153	ng	96
11) bis(2-Chloroethyl)ether	6.604	93	302767	44.914	ng	99
12) 1,3-Dichlorobenzene	6.804	146	314888	44.622	ng	99
13) 1,4-Dichlorobenzene	6.887	146	322195	45.080	ng	99
14) 1,2-Dichlorobenzene	7.034	146	307947	45.973	ng	99
15) Benzyl Alcohol	7.010	79	296982	49.365	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.140	45	553219	47.406	ng	98
17) 2-Methylphenol	7.122	107	248817	47.513	ng	100
18) Hexachloroethane	7.375	117	121413	45.544	ng	97
19) n-Nitroso-di-n-propyla...	7.281	70	232246	45.879	ng	99
20) 3+4-Methylphenols	7.275	107	309879	47.111	ng	97
22) Acetophenone	7.275	105	421893	45.861	ng	99
24) Nitrobenzene	7.451	77	355655	44.870	ng	100
25) Isophorone	7.687	82	634370	46.660	ng	99
26) 2-Nitrophenol	7.763	139	163755	48.057	ng	97
27) 2,4-Dimethylphenol	7.804	122	238552m	57.186	ng	
28) bis(2-Chloroethoxy)met...	7.898	93	372941	45.937	ng	99
29) 2,4-Dichlorophenol	8.010	162	256136	47.074	ng	98
30) 1,2,4-Trichlorobenzene	8.087	180	267636	43.494	ng	99
31) Naphthalene	8.169	128	896266	45.231	ng	99
32) Benzoic acid	7.934	122	189818	45.762	ng	100
33) 4-Chloroaniline	8.216	127	67711	10.095	ng	99
34) Hexachlorobutadiene	8.287	225	172275	43.263	ng	99
35) Caprolactam	8.592	113	86908m	48.698	ng	
36) 4-Chloro-3-methylphenol	8.710	107	291816	47.378	ng	100
37) 2-Methylnaphthalene	8.863	142	592460	45.907	ng	99
38) 1-Methylnaphthalene	8.963	142	545852	43.271	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	275803	46.245	ng	99
41) Hexachlorocyclopentadiene	9.010	237	282143	154.286	ng	99
43) 2,4,6-Trichlorophenol	9.139	196	189415	47.113	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	199458	46.003	ng	98
46) 1,1'-Biphenyl	9.328	154	731218	45.775	ng	99
47) 2-Chloronaphthalene	9.351	162	550970	46.009	ng	99
48) 2-Nitroaniline	9.451	65	210190	48.895	ng	97
49) Acenaphthylene	9.769	152	897160	49.262	ng	100
50) Dimethylphthalate	9.628	163	668919	47.579	ng	100
51) 2,6-Dinitrotoluene	9.692	165	146828	46.232	ng	97
52) Acenaphthene	9.939	154	652323m	52.176	ng	
53) 3-Nitroaniline	9.857	138	96637	29.776	ng	99
54) 2,4-Dinitrophenol	9.969	184	174471	102.137	ng	99
55) Dibenzofuran	10.110	168	820659	46.881	ng	99
56) 4-Nitrophenol	10.028	139	242971	98.170	ng	99
57) 2,4-Dinitrotoluene	10.098	165	198838	47.898	ng	99
58) Fluorene	10.457	166	639422	45.861	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.228	232	168803	48.203	ng	99
60) Diethylphthalate	10.328	149	675267	46.501	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	312757	44.838	ng	98
62) 4-Nitroaniline	10.481	138	156976	47.285	ng	98
63) Azobenzene	10.604	77	807071	55.264	ng	98
65) 4,6-Dinitro-2-methylph...	10.504	198	113443	49.551	ng	99
66) n-Nitrosodiphenylamine	10.569	169	566665	47.425	ng	100
67) 4-Bromophenyl-phenylether	10.933	248	186939	44.978	ng	96
68) Hexachlorobenzene	10.998	284	211246	45.804	ng	98
69) Atrazine	11.092	200	187824	58.588	ng	100
70) Pentachlorophenol	11.198	266	228210	83.101	ng	98
71) Phenanthrene	11.416	178	908830	47.550	ng	99
72) Anthracene	11.469	178	928580	49.109	ng	100
73) Carbazole	11.622	167	855382	47.100	ng	99
74) Di-n-butylphthalate	11.951	149	1040112	47.097	ng	100
75) Fluoranthene	12.604	202	939579	44.970	ng	100
77) Benzidine	12.727	184	246222	66.201	ng	100
78) Pyrene	12.833	202	940654	49.878	ng	99
80) Butylbenzylphthalate	13.451	149	379809	56.304	ng	99
81) Benzo(a)anthracene	14.021	228	658180	47.477	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	134640	31.734	ng	99
83) Chrysene	14.057	228	617429	48.715	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	497155	59.021	ng	99
85) Di-n-octyl phthalate	14.621	149	733494	59.273	ng	100
87) Indeno(1,2,3-cd)pyrene	16.974	276	584011	50.840	ng	100
88) Benzo(b)fluoranthene	15.068	252	568409	45.043	ng	99
89) Benzo(k)fluoranthene	15.104	252	507496	47.409	ng	99
90) Benzo(a)pyrene	15.439	252	511860	51.441	ng	99
91) Dibenzo(a,h)anthracene	16.992	278	487134	51.128	ng	100
92) Benzo(g,h,i)perylene	17.421	276	440068	46.055	ng	99

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

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