Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060524\
Data File : BP020513.D
Acq On : 05 Jun 2024 11:26
Operator : MA/JU
Sample : PB161311BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 05 12:03:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 30 03:41:03 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB161311BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay

06/06/2024
Supervised By :mohammad ahmed

06/07/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	335113	20.000	ng	0.00
21) Naphthalene-d8	10.534	136	1162715	20.000	ng	0.00
39) Acenaphthene-d10	14.392	164	571575	20.000	ng	0.00
64) Phenanthrene-d10	17.198	188	990697	20.000	ng	0.00
76) Chrysene-d12	21.657	240	1184114	20.000	ng	-0.01
86) Perylene-d12	25.021	264	1479484	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	2496991	133.410	ng	0.00
7) Phenol-d6	6.946	99	2929439	110.984	ng	0.01
23) Nitrobenzene-d5	8.916	82	1827655	86.045	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	757261	127.660	ng	0.00
45) 2-Fluorobiphenyl	12.998	172	3506430	91.451	ng	0.00
79) Terphenyl-d14	19.939	244	4537064	63.786	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.340	88	289847	38.326	ng	96
3) Pyridine	3.722	79	749703	35.258	ng	94
4) n-Nitrosodimethylamine	3.640	42	428057	41.447	ng	94
6) Aniline	7.105	93	666371	24.915	ng	98
8) 2-Chlorophenol	7.340	128	915751	43.646	ng	98
9) Benzaldehyde	6.928	77	614015	36.265	ng	99
10) Phenol	6.969	94	1100554	40.705	ng	99
11) bis(2-Chloroethyl)ether	7.210	93	885737	39.724	ng	99
12) 1,3-Dichlorobenzene	7.663	146	1065196	43.090	ng	98
13) 1,4-Dichlorobenzene	7.810	146	1080613	43.010	ng	98
14) 1,2-Dichlorobenzene	8.116	146	1015538	41.882	ng	98
15) Benzyl Alcohol	8.005	79	755427	38.746	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.287	45	1214604	36.487	ng	98
17) 2-Methylphenol	8.199	107	706790	38.522	ng	98
18) Hexachloroethane	8.834	117	389552	42.461	ng	94
19) n-Nitroso-di-n-propyla...	8.569	70	616566	34.217	ng	98
20) 3+4-Methylphenols	8.522	107	917747	36.776	ng	99
22) Acetophenone	8.587	105	1284278	44.498	ng	99
24) Nitrobenzene	8.963	77	929149	43.102	ng	98
25) Isophorone	9.475	82	1574841	38.160	ng	98
26) 2-Nitrophenol	9.657	139	421184	49.281	ng	99
27) 2,4-Dimethylphenol	9.716	122	565753	45.377	ng	98
28) bis(2-Chloroethoxy)met...	9.957	93	1022888	40.326	ng	100
29) 2,4-Dichlorophenol	10.181	162	731650	43.742	ng	98
30) 1,2,4-Trichlorobenzene	10.404	180	905257	45.588	ng	97
31) Naphthalene	10.581	128	2547146	42.853	ng	100
32) Benzoic acid	9.840	122	451854	39.553	ng	99
33) 4-Chloroaniline	10.693	127	375884	16.347	ng	98
34) Hexachlorobutadiene	10.863	225	570059	45.573	ng	99
35) Caprolactam	11.475	113	187658	30.614	ng	92
36) 4-Chloro-3-methylphenol	11.816	107	696408	35.560	ng	98
37) 2-Methylnaphthalene	12.204	142	1602491	37.624	ng	98
38) 1-Methylnaphthalene	12.410	142	1488836	35.263	ng	100
40) 1,2,4,5-Tetrachloroben...	12.569	216	905242	54.739	ng	99
41) Hexachlorocyclopentadiene	12.551	237	944363	162.483	ng	99
43) 2,4,6-Trichlorophenol	12.804	196	526778	52.696	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.881	196	541622	46.964	ng	98
46) 1,1'-Biphenyl	13.222	154	1971350	48.871	ng	99
47) 2-Chloronaphthalene	13.257	162	1534356	47.848	ng	99
48) 2-Nitroaniline	13.457	65	399576	45.985	ng	98
49) Acenaphthylene	14.104	152	2301835	48.375	ng	100
50) Dimethylphthalate	13.840	163	1607965	39.910	ng	99
51) 2,6-Dinitrotoluene	13.963	165	351883	40.861	ng	95
52) Acenaphthene	14.451	154	1303340	43.423	ng	99
53) 3-Nitroaniline	14.287	138	261136	30.230	ng	99
54) 2,4-Dinitrophenol	14.498	184	320595	82.026	ng	94
55) Dibenzofuran	14.798	168	2085032	43.852	ng	98
56) 4-Nitrophenol	14.598	139	614803	92.008	ng	94
57) 2,4-Dinitrotoluene	14.763	165	460937	40.728	ng	91
58) Fluorene	15.457	166	1550814	40.629	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.022	232	421929	44.706	ng	99
60) Diethylphthalate	15.234	149	1478124	36.090	ng	99
61) 4-Chlorophenyl-phenyle...	15.457	204	807954	41.019	ng	97
62) 4-Nitroaniline	15.475	138	335890	37.748	ng	98
63) Azobenzene	15.757	77	1473212	38.523	ng	97
65) 4,6-Dinitro-2-methylph...	15.528	198	217229	49.225	ng	99
66) n-Nitrosodiphenylamine	15.675	169	1289775	47.353	ng	100
67) 4-Bromophenyl-phenylether	16.369	248	467185	46.094	ng	98
68) Hexachlorobenzene	16.475	284	555644	46.581	ng	98
69) Atrazine	16.657	200	432799	45.166	ng	100
70) Pentachlorophenol	16.828	266	680663	93.953	ng	99
71) Phenanthrene	17.239	178	2285309	46.926	ng	100
72) Anthracene	17.333	178	2260401	47.301	ng	100
73) Carbazole	17.610	167	2168138	46.905	ng	99
74) Di-n-butylphthalate	18.216	149	2373784	42.406	ng	99
75) Fluoranthene	19.333	202	2823349	49.005	ng	99
77) Benzidine	19.533	184	442292	15.170	ng	99
78) Pyrene	19.710	202	2975504	33.407	ng	99
80) Butylbenzylphthalate	20.674	149	1313139	37.186	ng	93
81) Benzo(a)anthracene	21.639	228	3586408	45.999	ng	100
82) 3,3'-Dichlorobenzidine	21.557	252	1034355	44.629	ng	99
83) Chrysene	21.704	228	3432001	46.715	ng	99
84) Bis(2-ethylhexyl)phtha...	21.598	149	2134731	42.113	ng	99
85) Di-n-octyl phthalate	22.898	149	4113614	55.834	ng	97
87) Indeno(1,2,3-cd)pyrene	28.845	276	5119188m	56.901	ng	
88) Benzo(b)fluoranthene	23.957	252	4177282	45.322	ng	99
89) Benzo(k)fluoranthene	24.033	252	4113867	45.763	ng	99
90) Benzo(a)pyrene	24.857	252	3936924	51.576	ng	99
91) Dibenzo(a,h)anthracene	28.927	278	4217629	56.205	ng	99
92) Benzo(g,h,i)perylene	30.021	276	3989266	53.186	ng	99

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

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