Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040925\
Data File : BP024232.D
Acq On : 09 Apr 2025 12:56
Operator : RC/JU
Sample : Q1730-01MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD

Quant Time: Apr 10 01:59:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.740	152	286902	20.000	ng		-0.03
21) Naphthalene-d8	10.516	136	1149847	20.000	ng		-0.04
39) Acenaphthene-d10	14.375	164	708393	20.000	ng		-0.03
64) Phenanthrene-d10	17.198	188	1387592	20.000	ng		0.00
76) Chrysene-d12	21.633	240	1504352	20.000	ng		-0.02
86) Perylene-d12	24.998	264	1667153	20.000	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.357	112	1872195	104.166	ng		-0.02
7) Phenol-d6	6.922	99	2545054	105.891	ng		-0.03
23) Nitrobenzene-d5	8.887	82	1469315	72.097	ng		-0.04
42) 2,4,6-Tribromophenol	15.898	330	903624	101.268	ng		-0.02
45) 2-Fluorobiphenyl	12.986	172	3352065	69.774	ng		-0.03
79) Terphenyl-d14	19.910	244	5589464	76.697	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.299	88	318850	44.755	ng		97
3) Pyridine	3.687	79	867946	44.564	ng		98
4) n-Nitrosodimethylamine	3.599	42	304308	46.774	ng		94
6) Aniline	7.075	93	712147	32.521	ng		99
8) 2-Chlorophenol	7.316	128	977587	50.355	ng		99
9) Benzaldehyde	6.893	77	537154	46.311	ng		98
10) Phenol	6.951	94	1256999	51.807	ng		99
11) bis(2-Chloroethyl)ether	7.169	93	910757	47.599	ng		99
12) 1,3-Dichlorobenzene	7.628	146	1000080	47.770	ng		99
13) 1,4-Dichlorobenzene	7.775	146	1021633	47.794	ng		99
14) 1,2-Dichlorobenzene	8.087	146	981103	47.830	ng		99
15) Benzyl Alcohol	7.981	79	803918	52.832	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.263	45	984526	50.415	ng		98
17) 2-Methylphenol	8.187	107	812455	53.399	ng		99
18) Hexachloroethane	8.810	117	367262	48.428	ng		100
19) n-Nitroso-di-n-propyla...	8.540	70	671750	48.176	ng		100
20) 3+4-Methylphenols	8.510	107	1101160	52.679	ng		99
22) Acetophenone	8.551	105	1368679	47.081	ng	#	98
24) Nitrobenzene	8.928	77	989940	49.240	ng		99
25) Isophorone	9.451	82	1856824	53.151	ng		100
26) 2-Nitrophenol	9.634	139	508733	52.975	ng		99
27) 2,4-Dimethylphenol	9.698	122	843916	68.341	ng		98
28) bis(2-Chloroethoxy)met...	9.928	93	1200865	48.863	ng		100
29) 2,4-Dichlorophenol	10.169	162	866930	51.897	ng		99
30) 1,2,4-Trichlorobenzene	10.381	180	872159	47.256	ng		99
31) Naphthalene	10.563	128	2815023	46.184	ng		99
32) Benzoic acid	9.845	122	702851	58.361	ng		98
33) 4-Chloroaniline	10.675	127	396843	18.193	ng		98
34) Hexachlorobutadiene	10.851	225	501884	47.250	ng		99
35) Caprolactam	11.463	113	317058	57.912	ng		98
36) 4-Chloro-3-methylphenol	11.810	107	964274	53.509	ng		98
37) 2-Methylnaphthalene	12.181	142	1774016	43.082	ng		99
38) 1-Methylnaphthalene	12.398	142	1880682	46.957	ng		98
40) 1,2,4,5-Tetrachloroben...	12.557	216	936735	45.744	ng		99
41) Hexachlorocyclopentadiene	12.533	237	1252054	169.622	ng		97
43) 2,4,6-Trichlorophenol	12.798	196	679967	52.249	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.875	196	750647	52.596	ng	99
46) 1,1'-Biphenyl	13.204	154	2489932	46.775	ng	99
47) 2-Chloronaphthalene	13.245	162	1917821	47.898	ng	99
48) 2-Nitroaniline	13.445	65	580959	56.728	ng	98
49) Acenaphthylene	14.092	152	3199619	52.812	ng	100
50) Dimethylphthalate	13.828	163	2465120	49.732	ng	100
51) 2,6-Dinitrotoluene	13.957	165	539503	51.730	ng	97
52) Acenaphthene	14.439	154	1837985	47.482	ng	99
53) 3-Nitroaniline	14.286	138	236450	20.991	ng	95
54) 2,4-Dinitrophenol	14.498	184	715742	129.700	ng	99
55) Dibenzofuran	14.786	168	2872093	45.805	ng	99
56) 4-Nitrophenol	14.616	139	1144006	121.546	ng	99
57) 2,4-Dinitrotoluene	14.751	165	779044	56.551	ng	96
58) Fluorene	15.445	166	2388449	48.890	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.016	232	651159	51.641	ng	98
60) Diethylphthalate	15.222	149	2466418	49.967	ng	100
61) 4-Chlorophenyl-phenyle...	15.439	204	1139270	47.546	ng	97
62) 4-Nitroaniline	15.469	138	585528	49.562	ng	99
63) Azobenzene	15.745	77	2707344	58.192	ng	99
65) 4,6-Dinitro-2-methylph...	15.527	198	447652	54.343	ng	98
66) n-Nitrosodiphenylamine	15.669	169	2056703	48.811	ng	100
67) 4-Bromophenyl-phenylether	16.357	248	741067	48.644	ng	99
68) Hexachlorobenzene	16.474	284	880437	48.828	ng	99
69) Atrazine	16.651	200	746444	73.394	ng	99
70) Pentachlorophenol	16.839	266	1285435	110.236	ng	100
71) Phenanthrene	17.239	178	3704795	48.874	ng	100
72) Anthracene	17.327	178	3807745	51.575	ng	99
73) Carbazole	17.610	167	3699204	51.955	ng	99
74) Di-n-butylphthalate	18.204	149	4425488	52.359	ng	99
75) Fluoranthene	19.315	202	4413531	50.272	ng	99
77) Benzidine	19.504	184	1488430	90.495	ng	100
78) Pyrene	19.692	202	4613212	49.326	ng	100
80) Butylbenzylphthalate	20.645	149	2181081	56.552	ng	98
81) Benzo(a)anthracene	21.615	228	4668390	49.914	ng	100
82) 3,3'-Dichlorobenzidine	21.539	252	851663	27.169	ng	99
83) Chrysene	21.680	228	4385837	48.779	ng	100
84) Bis(2-ethylhexyl)phtha...	21.557	149	3164227	54.373	ng	100
85) Di-n-octyl phthalate	22.845	149	5372260	57.617	ng	100
87) Indeno(1,2,3-cd)pyrene	28.844	276	5916857	50.852	ng	99
88) Benzo(b)fluoranthene	23.939	252	4824633	47.997	ng	98
89) Benzo(k)fluoranthene	24.003	252	4903911	49.874	ng	100
90) Benzo(a)pyrene	24.833	252	4689771	53.654	ng	99
91) Dibenzo(a,h)anthracene	28.921	278	4850816	50.111	ng	98
92) Benzo(g,h,i)perylene	30.021	276	4740076	48.170	ng	98

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

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