Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050824\
Data File : BG061145.D
Acq On : 8 May 2024 17:12
Operator : MA/JU
Sample : P2408-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BIN-1MSD

Quant Time: May 08 17:59:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 05:11:25 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.938	152	29404	20.000	ng	-0.02
21) Naphthalene-d8	10.735	136	115832	20.000	ng	#-0.02
39) Acenaphthene-d10	14.571	164	83888	20.000	ng	-0.02
64) Phenanthrene-d10	17.315	188	181175	20.000	ng	-0.02
76) Chrysene-d12	21.581	240	189121	20.000	ng	-0.01
86) Perylene-d12	24.712	264	228452	20.000	ng	#-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.535	112	148396	102.639	ng	-0.01
7) Phenol-d6	7.121	99	196776	92.002	ng	-0.01
23) Nitrobenzene-d5	9.095	82	144624	61.894	ng	-0.02
42) 2,4,6-Tribromophenol	16.064	330	140732	83.930	ng	-0.01
45) 2-Fluorobiphenyl	13.191	172	356255	62.798	ng	-0.02
79) Terphenyl-d14	19.936	244	598376	52.622	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.443	88	16582	28.365	ng	97
3) Pyridine	3.831	79	47162	27.416	ng	97
4) n-Nitrosodimethylamine	3.749	42	53919	32.624	ng	89
6) Aniline	7.262	93	73148	34.499	ng	94
8) 2-Chlorophenol	7.509	128	77367	43.617	ng	97
9) Benzaldehyde	7.074	77	26956	20.877	ng	94
10) Phenol	7.145	94	92149	42.366	ng	95
11) bis(2-Chloroethyl)ether	7.356	93	69058	45.959	ng	96
12) 1,3-Dichlorobenzene	7.832	146	87149	41.677	ng	96
13) 1,4-Dichlorobenzene	7.973	146	87493	40.484	ng	96
14) 1,2-Dichlorobenzene	8.291	146	84679	40.612	ng	96
15) Benzyl Alcohol	8.173	79	78962	40.926	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.455	45	141580	43.423	ng	98
17) 2-Methylphenol	8.385	107	65268	42.108	ng	96
18) Hexachloroethane	9.013	117	33925	43.992	ng	98
19) n-Nitroso-di-n-propyla...	8.743	70	59814	37.369	ng	91
20) 3+4-Methylphenols	8.714	107	89076	39.832	ng	95
22) Acetophenone	8.755	105	127745	44.284	ng	98
24) Nitrobenzene	9.137	77	95387	41.729	ng	97
25) Isophorone	9.660	82	162784	37.688	ng	96
26) 2-Nitrophenol	9.848	139	46998	43.395	ng	99
27) 2,4-Dimethylphenol	9.912	122	57898	46.370	ng	97
28) bis(2-Chloroethoxy)met...	10.141	93	87687	41.365	ng	97
29) 2,4-Dichlorophenol	10.388	162	85259	43.580	ng	95
30) 1,2,4-Trichlorobenzene	10.600	180	102501	43.483	ng	97
31) Naphthalene	10.782	128	250606	41.629	ng	99
32) Benzoic acid	10.083	122	42583	29.502	ng #	88
33) 4-Chloroaniline	10.888	127	82462	34.347	ng	99
34) Hexachlorobutadiene	11.070	225	87016	43.021	ng	98
35) Caprolactam	11.675	113	26232m	37.233	ng	
36) 4-Chloro-3-methylphenol	12.027	107	91852	38.936	ng	97
37) 2-Methylnaphthalene	12.392	142	182519	40.459	ng	99
38) 1-Methylnaphthalene	12.609	142	169183	37.253	ng	100
40) 1,2,4,5-Tetrachloroben...	12.762	216	144464	51.602	ng	98
41) Hexachlorocyclopentadiene	12.738	237	69497	64.846	ng	94
43) 2,4,6-Trichlorophenol	13.003	196	86162	47.938	ng	94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.085	196	92059	45.256	ng		96
46) 1,1'-Biphenyl	13.402	154	252422	46.929	ng		98
47) 2-Chloronaphthalene	13.443	162	194281	45.108	ng		95
48) 2-Nitroaniline	13.643	65	71273	44.594	ng		93
49) Acenaphthylene	14.289	152	315372	47.674	ng		99
50) Dimethylphthalate	14.025	163	256721	39.621	ng		99
51) 2,6-Dinitrotoluene	14.143	165	56195	40.547	ng		98
52) Acenaphthene	14.630	154	194966	47.245	ng		98
53) 3-Nitroaniline	14.472	138	45199	35.643	ng	#	94
54) 2,4-Dinitrophenol	14.689	184	44321	46.076	ng		97
55) Dibenzofuran	14.971	168	318597	45.707	ng		96
56) 4-Nitrophenol	14.806	139	77424	75.548	ng		98
57) 2,4-Dinitrotoluene	14.936	165	78546	38.307	ng	#	94
58) Fluorene	15.617	166	262898	43.587	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.200	232	84151	40.186	ng	#	96
60) Diethylphthalate	15.388	149	244413	37.406	ng		99
61) 4-Chlorophenyl-phenyle...	15.611	204	144352	39.858	ng		99
62) 4-Nitroaniline	15.641	138	48952	35.592	ng		97
63) Azobenzene	15.905	77	204430	40.192	ng		98
65) 4,6-Dinitro-2-methylph...	15.705	198	36418	32.397	ng		95
66) n-Nitrosodiphenylamine	15.829	169	215223	47.904	ng		98
67) 4-Bromophenyl-phenylether	16.504	248	102996	48.258	ng		94
68) Hexachlorobenzene	16.628	284	121080	45.580	ng		98
69) Atrazine	16.781	200	91835	49.564	ng		99
70) Pentachlorophenol	16.974	266	140020	85.798	ng		98
71) Phenanthrene	17.362	178	541394	65.353	ng		100
72) Anthracene	17.450	178	423808	51.271	ng		99
73) Carbazole	17.721	167	334517	46.027	ng		99
74) Di-n-butylphthalate	18.279	149	379171	43.874	ng		100
75) Fluoranthene	19.378	202	830844	73.209	ng		98
77) Benzidine	19.554	184	165440	46.089	ng		97
78) Pyrene	19.736	202	754913	62.786	ng		99
80) Butylbenzylphthalate	20.629	149	166596	43.772	ng		96
81) Benzo(a)anthracene	21.563	228	651439	52.639	ng		100
82) 3,3'-Dichlorobenzidine	21.481	252	162630	36.516	ng		98
83) Chrysene	21.628	228	616824	53.199	ng		99
84) Bis(2-ethylhexyl)phtha...	21.475	149	252461	50.797	ng		99
85) Di-n-octyl phthalate	22.656	149	420011	47.900	ng		99
87) Indeno(1,2,3-cd)pyrene	28.267	276	626763	41.398	ng	#	96
88) Benzo(b)fluoranthene	23.725	252	623638	48.852	ng		97
89) Benzo(k)fluoranthene	23.790	252	630663	51.351	ng		99
90) Benzo(a)pyrene	24.571	252	564116	50.721	ng		97
91) Dibenzo(a,h)anthracene	28.332	278	520768	41.535	ng	#	97
92) Benzo(g,h,i)perylene	29.366	276	483281m	38.788	ng		

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

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