Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020724\
Data File : BP019593.D
Acq On : 07 Feb 2024 14:43
Operator : MA/JU
Sample : P1372-03MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CG-MW-63MSD

Quant Time: Feb 07 15:11:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 01 00:51:48 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.905	152	80409	20.000	ng		-0.01
21) Naphthalene-d8	10.704	136	313962	20.000	ng		-0.01
39) Acenaphthene-d10	14.540	164	214797	20.000	ng		-0.01
64) Phenanthrene-d10	17.292	188	512942	20.000	ng		-0.01
76) Chrysene-d12	21.386	240	523643	20.000	ng		0.00
86) Perylene-d12	23.798	264	593801	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	298090	59.757	ng		0.00
7) Phenol-d6	7.069	99	181239	26.945	ng		-0.02
23) Nitrobenzene-d5	9.075	82	586556	80.953	ng		-0.01
42) 2,4,6-Tribromophenol	16.034	330	301507	96.138	ng		0.00
45) 2-Fluorobiphenyl	13.169	172	1374867	79.128	ng		-0.01
79) Terphenyl-d14	19.863	244	2493328	78.305	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.387	88	28821	14.996	ng		99
3) Pyridine	3.781	79	68328	13.113	ng		96
4) n-Nitrosodimethylamine	3.705	42	37713	16.624	ng	#	97
6) Aniline	7.234	93	99622	15.243	ng		99
8) 2-Chlorophenol	7.469	128	213047	41.599	ng		97
9) Benzaldehyde	7.052	77	48930	10.376	ng		98
10) Phenol	7.099	94	65573	9.781	ng		98
11) bis(2-Chloroethyl)ether	7.340	93	212684	40.779	ng		99
12) 1,3-Dichlorobenzene	7.793	146	202644	32.337	ng		97
13) 1,4-Dichlorobenzene	7.940	146	209672	33.024	ng		100
14) 1,2-Dichlorobenzene	8.252	146	203530	33.132	ng		99
15) Benzyl Alcohol	8.152	79	147404	27.428	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.434	45	206562	39.606	ng		99
17) 2-Methylphenol	8.352	107	112830	24.999	ng		99
18) Hexachloroethane	8.975	117	73377	29.817	ng		99
19) n-Nitroso-di-n-propyla...	8.722	70	189313	41.206	ng		98
20) 3+4-Methylphenols	8.681	107	131303	21.317	ng		97
22) Acetophenone	8.734	105	367054	41.038	ng	#	98
24) Nitrobenzene	9.116	77	280269	38.418	ng		99
25) Isophorone	9.640	82	531886	42.151	ng		99
26) 2-Nitrophenol	9.828	139	70280	25.266	ng		95
27) 2,4-Dimethylphenol	9.881	122	127582	35.870	ng		98
28) bis(2-Chloroethoxy)met...	10.134	93	297610	41.685	ng		97
29) 2,4-Dichlorophenol	10.351	162	243474	45.283	ng		99
30) 1,2,4-Trichlorobenzene	10.563	180	236822	35.923	ng		98
31) Naphthalene	10.757	128	640423	37.192	ng		99
33) 4-Chloroaniline	10.875	127	122421	19.224	ng		96
34) Hexachlorobutadiene	11.028	225	159731	32.696	ng		97
35) Caprolactam	11.657	113	10880	7.148	ng	#	84
36) 4-Chloro-3-methylphenol	11.993	107	206926	35.296	ng		100
37) 2-Methylnaphthalene	12.363	142	473501	39.734	ng		99
38) 1-Methylnaphthalene	12.581	142	455616	38.906	ng		99
40) 1,2,4,5-Tetrachloroben...	12.722	216	326068	39.361	ng		99
41) Hexachlorocyclopentadiene	12.698	237	70153	18.746	ng		96
43) 2,4,6-Trichlorophenol	12.975	196	226692	45.193	ng		99
44) 2,4,5-Trichlorophenol	13.040	196	228315	41.451	ng	#	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.375	154	682031	39.783	ng	100
47) 2-Chloronaphthalene	13.416	162	537404	38.187	ng	99
48) 2-Nitroaniline	13.628	65	190056	48.298	ng	99
49) Acenaphthylene	14.263	152	888237	44.988	ng	99
50) Dimethylphthalate	14.010	163	723343	43.990	ng	99
51) 2,6-Dinitrotoluene	14.128	165	156697	43.374	ng	99
52) Acenaphthene	14.604	154	506251	41.313	ng	99
53) 3-Nitroaniline	14.451	138	117705	35.452	ng	92
55) Dibenzofuran	14.939	168	871062	43.644	ng	99
56) 4-Nitrophenol	14.757	139	28942	10.635	ng	99
57) 2,4-Dinitrotoluene	14.910	165	123518	26.090	ng	99
58) Fluorene	15.586	166	706885	44.469	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.163	232	192171	41.478	ng	99
60) Diethylphthalate	15.375	149	836380	51.138	ng	100
61) 4-Chlorophenyl-phenyle...	15.592	204	397886	44.533	ng	95
62) 4-Nitroaniline	15.622	138	168860	48.522	ng	98
63) Azobenzene	15.881	77	713076	45.086	ng	99
66) n-Nitrosodiphenylamine	15.804	169	628469	40.910	ng	99
67) 4-Bromophenyl-phenylether	16.486	248	261066	40.713	ng	99
68) Hexachlorobenzene	16.586	284	302035	40.335	ng	98
69) Atrazine	16.769	200	257841	50.580	ng	97
70) Pentachlorophenol	16.933	266	113946	24.435	ng	97
71) Phenanthrene	17.333	178	1175521	43.547	ng	100
72) Anthracene	17.428	178	1196822	44.444	ng	100
73) Carbazole	17.704	167	1079517	44.128	ng	99
74) Di-n-butylphthalate	18.263	149	1320813	44.654	ng	100
75) Fluoranthene	19.304	202	1479555	44.867	ng	99
77) Benzidine	19.492	184	547124	49.976	ng	99
78) Pyrene	19.657	202	1527769	41.340	ng	99
80) Butylbenzylphthalate	20.545	149	549593	39.822	ng	99
81) Benzo(a)anthracene	21.369	228	1587341	43.063	ng	100
82) 3,3'-Dichlorobenzidine	21.304	252	375583	27.962	ng	100
83) Chrysene	21.421	228	1496625	42.766	ng	100
84) Bis(2-ethylhexyl)phtha...	21.316	149	855068	40.687	ng	99
85) Di-n-octyl phthalate	22.257	149	1457002	39.404	ng	99
87) Indeno(1,2,3-cd)pyrene	26.321	276	1872523	41.197	ng	99
88) Benzo(b)fluoranthene	23.063	252	1614513	43.140	ng	100
89) Benzo(k)fluoranthene	23.116	252	1573984	44.029	ng	99
90) Benzo(a)pyrene	23.692	252	1456034	43.726	ng	99
91) Dibenzo(a,h)anthracene	26.351	278	1533933	41.033	ng	99
92) Benzo(g,h,i)perylene	27.092	276	1456307	38.399	ng	100

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

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