Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020724\
Data File : BP019592.D
Acq On : 07 Feb 2024 14:10
Operator : MA/JU
Sample : P1372-02MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CG-MW-63MS

Quant Time: Feb 07 14:41:14 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	88886	20.000	ng		-0.01
21) Naphthalene-d8	10.705	136	338645	20.000	ng		-0.01
39) Acenaphthene-d10	14.534	164	230805	20.000	ng		-0.02
64) Phenanthrene-d10	17.292	188	552160	20.000	ng		-0.01
76) Chrysene-d12	21.386	240	566221	20.000	ng		0.00
86) Perylene-d12	23.792	264	645490	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	271717	49.275	ng		0.00
7) Phenol-d6	7.075	99	169365	22.779	ng		-0.01
23) Nitrobenzene-d5	9.075	82	616517	78.887	ng		-0.01
42) 2,4,6-Tribromophenol	16.034	330	355296	105.432	ng		0.00
45) 2-Fluorobiphenyl	13.169	172	1436114	76.921	ng		-0.01
79) Terphenyl-d14	19.863	244	2618842	76.062	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.387	88	31483	14.819	ng		96
3) Pyridine	3.781	79	72461	12.580	ng		99
4) n-Nitrosodimethylamine	3.705	42	40828	16.281	ng	#	99
6) Aniline	7.234	93	134324	18.592	ng		97
8) 2-Chlorophenol	7.469	128	200095	35.344	ng		99
9) Benzaldehyde	7.052	77	37811	7.253	ng		97
10) Phenol	7.099	94	60373	8.147	ng		97
11) bis(2-Chloroethyl)ether	7.340	93	221105	38.350	ng		99
12) 1,3-Dichlorobenzene	7.793	146	212249	30.639	ng		97
13) 1,4-Dichlorobenzene	7.940	146	221223	31.521	ng		97
14) 1,2-Dichlorobenzene	8.252	146	212680	31.320	ng		98
15) Benzyl Alcohol	8.152	79	151798	25.552	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.434	45	215926	37.453	ng		100
17) 2-Methylphenol	8.352	107	111438	22.336	ng		97
18) Hexachloroethane	8.975	117	75400	27.717	ng		97
19) n-Nitroso-di-n-propyla...	8.722	70	197051	38.800	ng		98
20) 3+4-Methylphenols	8.681	107	120603	17.713	ng		97
22) Acetophenone	8.734	105	384923	39.899	ng	#	99
24) Nitrobenzene	9.116	77	292400	37.160	ng		98
25) Isophorone	9.640	82	548462	40.296	ng		99
26) 2-Nitrophenol	9.828	139	70192	23.395	ng		97
27) 2,4-Dimethylphenol	9.887	122	126153	32.883	ng		97
28) bis(2-Chloroethoxy)met...	10.134	93	302522	39.285	ng		99
29) 2,4-Dichlorophenol	10.352	162	229257	39.531	ng		97
30) 1,2,4-Trichlorobenzene	10.569	180	244625	34.402	ng		99
31) Naphthalene	10.757	128	665883	35.852	ng		100
33) 4-Chloroaniline	10.875	127	162544	23.665	ng		99
34) Hexachlorobutadiene	11.028	225	166679	31.632	ng		99
35) Caprolactam	11.657	113	12294	7.488	ng		93
36) 4-Chloro-3-methylphenol	11.993	107	191691	30.314	ng		99
37) 2-Methylnaphthalene	12.363	142	496210	38.605	ng		97
38) 1-Methylnaphthalene	12.581	142	476767	37.745	ng		99
40) 1,2,4,5-Tetrachloroben...	12.728	216	336249	37.775	ng		99
41) Hexachlorocyclopentadiene	12.699	237	26312	6.543	ng		98
43) 2,4,6-Trichlorophenol	12.975	196	220914	40.986	ng		98
44) 2,4,5-Trichlorophenol	13.040	196	214124	36.178	ng	#	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.375	154	708465	38.459	ng	100
47) 2-Chloronaphthalene	13.416	162	559906	37.026	ng	98
48) 2-Nitroaniline	13.628	65	191207	45.220	ng	98
49) Acenaphthylene	14.257	152	918482	43.293	ng	100
50) Dimethylphthalate	14.010	163	729354	41.279	ng	99
51) 2,6-Dinitrotoluene	14.128	165	157982	40.697	ng	99
52) Acenaphthene	14.604	154	520820	39.554	ng	99
53) 3-Nitroaniline	14.457	138	130641	36.620	ng	98
55) Dibenzofuran	14.940	168	903574	42.133	ng	98
56) 4-Nitrophenol	14.757	139	25692	8.786	ng	90
57) 2,4-Dinitrotoluene	14.910	165	107546	21.141	ng	100
58) Fluorene	15.587	166	724637	42.424	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.163	232	215320	43.251	ng	98
60) Diethylphthalate	15.375	149	884993	50.357	ng	99
61) 4-Chlorophenyl-phenyle...	15.587	204	411422	42.855	ng	97
62) 4-Nitroaniline	15.622	138	169236	45.257	ng	99
63) Azobenzene	15.881	77	738301	43.443	ng	98
66) n-Nitrosodiphenylamine	15.804	169	646519	39.096	ng	100
67) 4-Bromophenyl-phenylether	16.487	248	270869	39.241	ng	97
68) Hexachlorobenzene	16.581	284	314284	38.989	ng	100
69) Atrazine	16.769	200	269087	49.037	ng	97
70) Pentachlorophenol	16.934	266	164448	32.760	ng	98
71) Phenanthrene	17.334	178	1212372	41.722	ng	100
72) Anthracene	17.428	178	1239398	42.756	ng	99
73) Carbazole	17.704	167	1113963	42.302	ng	99
74) Di-n-butylphthalate	18.269	149	1360376	42.725	ng	99
75) Fluoranthene	19.304	202	1534222	43.220	ng	99
77) Benzidine	19.492	184	934804	78.968	ng	99
78) Pyrene	19.657	202	1606302	40.196	ng	99
80) Butylbenzylphthalate	20.545	149	572694	38.376	ng	99
81) Benzo(a)anthracene	21.369	228	1655341	41.531	ng	99
82) 3,3'-Dichlorobenzidine	21.310	252	452971	31.187	ng	99
83) Chrysene	21.422	228	1548369	40.917	ng	99
84) Bis(2-ethylhexyl)phtha...	21.310	149	894367	39.357	ng	99
85) Di-n-octyl phthalate	22.257	149	1530801	38.287	ng	99
87) Indeno(1,2,3-cd)pyrene	26.321	276	1946816	39.401	ng	99
88) Benzo(b)fluoranthene	23.063	252	1706149	41.938	ng	99
89) Benzo(k)fluoranthene	23.110	252	1616041	41.585	ng	99
90) Benzo(a)pyrene	23.692	252	1523927	42.100	ng	99
91) Dibenzo(a,h)anthracene	26.351	278	1603194	39.451	ng	98
92) Benzo(g,h,i)perylene	27.092	276	1519004	36.845	ng	99

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

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