Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060724\
Data File : BP020568.D
Acq On : 07 Jun 2024 20:42
Operator : MA/JU
Sample : P2756-01MSD 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-02-06062024MSD

Quant Time: Jun 08 00:12:06 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.763	152	384272	20.000	ng		0.00
21) Naphthalene-d8	10.528	136	1512070	20.000	ng		0.00
39) Acenaphthene-d10	14.386	164	952567	20.000	ng		0.00
64) Phenanthrene-d10	17.198	188	1934289	20.000	ng		0.00
76) Chrysene-d12	21.668	240	1789113	20.000	ng		0.00
86) Perylene-d12	25.051	264	2212380	20.000	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.375	112	475261	22.144	ng		0.00
7) Phenol-d6	6.934	99	602919	19.920	ng		0.00
23) Nitrobenzene-d5	8.904	82	371732	13.457	ng		-0.02
42) 2,4,6-Tribromophenol	15.904	330	259767	26.277	ng		0.00
45) 2-Fluorobiphenyl	12.998	172	890990	13.944	ng		0.00
79) Terphenyl-d14	19.945	244	1309192	12.182	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.328	88	58294	6.722	ng		95
3) Pyridine	3.722	79	153816	6.308	ng		95
4) n-Nitrosodimethylamine	3.634	42	83348	7.038	ng	#	92
6) Aniline	7.099	93	165604	5.400	ng		98
8) 2-Chlorophenol	7.328	128	204734	8.510	ng		98
10) Phenol	6.957	94	248275	8.008	ng		98
11) bis(2-Chloroethyl)ether	7.193	93	192528	7.530	ng		98
12) 1,3-Dichlorobenzene	7.646	146	228618	8.065	ng		98
13) 1,4-Dichlorobenzene	7.799	146	233133	8.092	ng		99
14) 1,2-Dichlorobenzene	8.110	146	224188	8.063	ng		98
15) Benzyl Alcohol	7.993	79	171418	7.667	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.269	45	273766	7.172	ng		98
17) 2-Methylphenol	8.198	107	168043	7.987	ng		99
18) Hexachloroethane	8.828	117	74681	7.099	ng	#	87
19) n-Nitroso-di-n-propyla...	8.557	70	151835	7.348	ng		95
20) 3+4-Methylphenols	8.516	107	221420	7.738	ng		99
22) Acetophenone	8.575	105	302698	8.065	ng	#	98
24) Nitrobenzene	8.946	77	215121	7.674	ng		99
25) Isophorone	9.463	82	417526	7.780	ng		100
26) 2-Nitrophenol	9.651	139	95507	11.723	ng		98
27) 2,4-Dimethylphenol	9.704	122	145440	8.970	ng		98
28) bis(2-Chloroethoxy)met...	9.945	93	256477	7.775	ng		100
29) 2,4-Dichlorophenol	10.175	162	188643	8.672	ng		99
30) 1,2,4-Trichlorobenzene	10.393	180	220472	8.538	ng		97
31) Naphthalene	10.575	128	638939	8.266	ng		99
32) Benzoic acid	9.810	122	114531	13.223	ng		95
33) 4-Chloroaniline	10.687	127	171784	5.745	ng		99
34) Hexachlorobutadiene	10.851	225	137800	8.471	ng		96
35) Caprolactam	11.469	113	61621	7.730	ng		87
36) 4-Chloro-3-methylphenol	11.816	107	207874	8.162	ng		99
37) 2-Methylnaphthalene	12.192	142	436645	7.883	ng		98
38) 1-Methylnaphthalene	12.410	142	413785	7.536	ng		96
40) 1,2,4,5-Tetrachloroben...	12.563	216	249317	9.046	ng		98
41) Hexachlorocyclopentadiene	12.534	237	23318	2.407	ng		93
43) 2,4,6-Trichlorophenol	12.804	196	158824	9.533	ng		99
44) 2,4,5-Trichlorophenol	12.875	196	168791	8.782	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46)	1,1'-Biphenyl	13.210	154	583234	8.676	ng		99
47)	2-Chloronaphthalene	13.251	162	451057	8.440	ng		99
48)	2-Nitroaniline	13.457	65	129166	8.919	ng		97
49)	Acenaphthylene	14.104	152	749164	9.447	ng		99
50)	Dimethylphthalate	13.839	163	554808	8.263	ng		99
51)	2,6-Dinitrotoluene	13.963	165	115161	8.024	ng		96
52)	Acenaphthene	14.457	154	409910	8.195	ng		98
53)	3-Nitroaniline	14.298	138	106754	7.415	ng		96
54)	2,4-Dinitrophenol	14.498	184	7083	6.390	ng		90
55)	Dibenzofuran	14.798	168	680859	8.592	ng		97
56)	4-Nitrophenol	14.610	139	191164	17.166	ng		93
57)	2,4-Dinitrotoluene	14.757	165	151273	8.020	ng		98
58)	Fluorene	15.463	166	545025	8.568	ng		100
59)	2,3,4,6-Tetrachlorophenol	15.028	232	148209	9.423	ng		97
60)	Diethylphthalate	15.228	149	566473	8.299	ng		99
61)	4-Chlorophenyl-phenyle...	15.451	204	275687	8.398	ng		98
62)	4-Nitroaniline	15.469	138	121348	8.183	ng		91
63)	Azobenzene	15.751	77	499564	7.838	ng		95
65)	4,6-Dinitro-2-methylph...	15.545	198	6230	8.264	ng		86
66)	n-Nitrosodiphenylamine	15.663	169	473891	8.911	ng		100
67)	4-Bromophenyl-phenylether	16.369	248	178046	8.997	ng		98
68)	Hexachlorobenzene	16.480	284	192051	8.246	ng		99
69)	Atrazine	16.651	200	177350	9.479	ng		98
70)	Pentachlorophenol	16.833	266	234351	16.568	ng		98
71)	Phenanthrene	17.239	178	908665	9.556	ng		99
72)	Anthracene	17.339	178	914383	9.800	ng		99
73)	Carbazole	17.616	167	790091	8.754	ng		99
74)	Di-n-butylphthalate	18.216	149	999557	9.146	ng		99
75)	Fluoranthene	19.339	202	1289449	11.463	ng		99
77)	Benzidine	19.545	184	313135	10.281	ng		97
78)	Pyrene	19.716	202	1329689	9.881	ng		99
80)	Butylbenzylphthalate	20.680	149	441396	10.163	ng		91
81)	Benzo(a)anthracene	21.645	228	1192196	10.120	ng		98
82)	3,3'-Dichlorobenzidine	21.568	252	326877	9.334	ng		98
83)	Chrysene	21.710	228	1118905	10.080	ng		98
84)	Bis(2-ethylhexyl)phtha...	21.598	149	642941	8.395	ng	#	99
85)	Di-n-octyl phthalate	22.886	149	1104000	9.917	ng		97
87)	Indeno(1,2,3-cd)pyrene	28.880	276	1506878	11.201	ng		98
88)	Benzo(b)fluoranthene	23.974	252	1288246	9.347	ng		95
89)	Benzo(k)fluoranthene	24.051	252	1136423	8.454	ng		97
90)	Benzo(a)pyrene	24.886	252	1204336	10.551	ng		98
91)	Dibenzo(a,h)anthracene	28.980	278	1130079	10.071	ng		98
92)	Benzo(g,h,i)perylene	30.080	276	1207304	10.764	ng		97

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

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