Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021924\
Data File : BP019765.D
Acq On : 19 Feb 2024 16:21
Operator : MA/JU
Sample : P1461-03MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-2MS

Quant Time: Feb 19 16:45:58 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	7.899	152	56827	20.000	ng		-0.02
21) Naphthalene-d8	10.699	136	213858	20.000	ng		-0.02
39) Acenaphthene-d10	14.534	164	145842	20.000	ng		-0.02
64) Phenanthrene-d10	17.292	188	351551	20.000	ng		-0.01
76) Chrysene-d12	21.386	240	381011	20.000	ng		0.00
86) Perylene-d12	23.804	264	439364	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	450252	127.716	ng		-0.01
7) Phenol-d6	7.075	99	569328	119.769	ng		-0.01
23) Nitrobenzene-d5	9.069	82	430194	87.165	ng		-0.02
42) 2,4,6-Tribromophenol	16.034	330	391535	183.871	ng		0.00
45) 2-Fluorobiphenyl	13.163	172	1039450	88.109	ng		-0.02
79) Terphenyl-d14	19.857	244	2211409	95.450	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.387	88	46633	34.333	ng	#	68
3) Pyridine	3.787	79	118904	32.289	ng		94
4) n-Nitrosodimethylamine	3.705	42	70714	44.107	ng		97
6) Aniline	7.234	93	158293	34.271	ng		98
8) 2-Chlorophenol	7.463	128	172794	47.740	ng		95
9) Benzaldehyde	7.052	77	22637m	6.792	ng		
10) Phenol	7.099	94	206807	43.651	ng		98
11) bis(2-Chloroethyl)ether	7.334	93	163239	44.287	ng		99
12) 1,3-Dichlorobenzene	7.787	146	189653	42.822	ng		99
13) 1,4-Dichlorobenzene	7.934	146	194346	43.313	ng		96
14) 1,2-Dichlorobenzene	8.246	146	186689	43.002	ng		97
15) Benzyl Alcohol	8.152	79	188934m	49.744	ng		
16) 2,2'-oxybis(1-Chloropr...	8.428	45	160143	43.447	ng		97
17) 2-Methylphenol	8.352	107	151446	47.480	ng		98
18) Hexachloroethane	8.969	117	72330	41.588	ng		97
19) n-Nitroso-di-n-propyla...	8.716	70	144245	44.425	ng		98
20) 3+4-Methylphenols	8.681	107	204456	46.968	ng		94
22) Acetophenone	8.734	105	278210	45.664	ng	#	98
24) Nitrobenzene	9.110	77	218289	43.928	ng		100
25) Isophorone	9.640	82	405989	47.234	ng		99
26) 2-Nitrophenol	9.816	139	97199	51.300	ng		97
27) 2,4-Dimethylphenol	9.881	122	136289	56.253	ng		94
28) bis(2-Chloroethoxy)met...	10.128	93	225636	46.397	ng		99
29) 2,4-Dichlorophenol	10.352	162	188843	51.563	ng		99
30) 1,2,4-Trichlorobenzene	10.563	180	201910	44.963	ng		99
31) Naphthalene	10.752	128	526052	44.850	ng		99
32) Benzoic acid	10.028	122	125832	53.307	ng		98
33) 4-Chloroaniline	10.875	127	48154	11.101	ng		98
34) Hexachlorobutadiene	11.022	225	148876	44.739	ng		98
35) Caprolactam	11.681	113	53485	51.587	ng		96
36) 4-Chloro-3-methylphenol	11.999	107	211872	53.055	ng		100
37) 2-Methylnaphthalene	12.357	142	384418	47.359	ng		99
38) 1-Methylnaphthalene	12.581	142	366560	45.953	ng		98
40) 1,2,4,5-Tetrachloroben...	12.722	216	268413	47.721	ng		99
41) Hexachlorocyclopentadiene	12.693	237	297986	117.276	ng		98
43) 2,4,6-Trichlorophenol	12.969	196	178430	52.390	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.046	196	200265	53.549	ng	99
46) 1,1'-Biphenyl	13.375	154	540246	46.412	ng	99
47) 2-Chloronaphthalene	13.416	162	426933	44.681	ng	98
48) 2-Nitroaniline	13.628	65	141407	52.925	ng	98
49) Acenaphthylene	14.257	152	703745	52.496	ng	99
50) Dimethylphthalate	14.010	163	596041	53.387	ng	99
51) 2,6-Dinitrotoluene	14.128	165	130345	53.138	ng	95
52) Acenaphthene	14.598	154	398463	47.891	ng	99
53) 3-Nitroaniline	14.457	138	93528	41.489	ng	93
54) 2,4-Dinitrophenol	14.669	184	172801	135.679	ng	96
55) Dibenzofuran	14.934	168	686507	50.660	ng	98
56) 4-Nitrophenol	14.769	139	201690	109.159	ng	97
57) 2,4-Dinitrotoluene	14.916	165	189305	58.892	ng	98
58) Fluorene	15.587	166	562855	52.149	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.163	232	193989	61.667	ng	95
60) Diethylphthalate	15.369	149	606656	54.629	ng	98
61) 4-Chlorophenyl-phenyle...	15.587	204	319007	52.586	ng	95
62) 4-Nitroaniline	15.622	138	129654	54.871	ng	98
63) Azobenzene	15.881	77	534907	49.812	ng	97
65) 4,6-Dinitro-2-methylph...	15.681	198	115475	57.606	ng	95
66) n-Nitrosodiphenylamine	15.804	169	498661	47.363	ng	99
67) 4-Bromophenyl-phenylether	16.481	248	216571	49.279	ng	97
68) Hexachlorobenzene	16.587	284	254100	49.511	ng	94
69) Atrazine	16.769	200	207142	59.290	ng	97
70) Pentachlorophenol	16.939	266	364822	114.149	ng	98
71) Phenanthrene	17.334	178	939480	50.780	ng	99
72) Anthracene	17.428	178	955907	51.794	ng	99
73) Carbazole	17.704	167	882955	52.663	ng	99
74) Di-n-butylphthalate	18.257	149	1097662	54.146	ng	99
75) Fluoranthene	19.304	202	1243517	55.021	ng	99
77) Benzidine	19.492	184	248098	31.146	ng	99
78) Pyrene	19.657	202	1289246	47.945	ng	99
80) Butylbenzylphthalate	20.545	149	522713	52.053	ng	94
81) Benzo(a)anthracene	21.374	228	1425194	53.138	ng	99
82) 3,3'-Dichlorobenzidine	21.310	252	438588	44.876	ng	98
83) Chrysene	21.427	228	1352057	53.098	ng	100
84) Bis(2-ethylhexyl)phtha...	21.310	149	745809	48.773	ng	99
85) Di-n-octyl phthalate	22.251	149	1318333	49.001	ng	99
87) Indeno(1,2,3-cd)pyrene	26.339	276	1686266	50.139	ng	98
88) Benzo(b)fluoranthene	23.069	252	1478275	53.385	ng	99
89) Benzo(k)fluoranthene	23.121	252	1470250	55.583	ng	98
90) Benzo(a)pyrene	23.704	252	1313349	53.304	ng	98
91) Dibenzo(a,h)anthracene	26.368	278	1386569	50.128	ng	98
92) Benzo(g,h,i)perylene	27.115	276	1335977	47.608	ng	98

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

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