Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022624\
Data File : BP019879.D
Acq On : 26 Feb 2024 15:14
Operator : MA/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Quant Time: Feb 27 01:34:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP022624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 27 01:30:38 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.899	152	94021	20.000	ng		0.00
21) Naphthalene-d8	10.704	136	348387	20.000	ng		0.00
39) Acenaphthene-d10	14.545	164	272633	20.000	ng		0.00
64) Phenanthrene-d10	17.304	188	639334	20.000	ng		0.00
76) Chrysene-d12	21.410	240	683895	20.000	ng		0.00
86) Perylene-d12	23.833	264	765631	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.469	112	239124	41.745	ng		0.00
7) Phenol-d6	7.069	99	349141	40.938	ng		0.00
23) Nitrobenzene-d5	9.075	82	373731	43.308	ng		0.00
42) 2,4,6-Tribromophenol	16.045	330	188068	40.231	ng		0.00
45) 2-Fluorobiphenyl	13.169	172	826487	40.959	ng		0.00
79) Terphenyl-d14	19.875	244	1732502	39.928	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.375	88	41751	22.378	ng		97
3) Pyridine	3.781	79	140368	24.586	ng		100
4) n-Nitrosodimethylamine	3.699	42	55371	22.174	ng	#	95
6) Aniline	7.234	93	214378	20.491	ng		97
8) 2-Chlorophenol	7.463	128	126961	20.554	ng		98
9) Benzaldehyde	7.052	77	107277	22.182	ng		99
10) Phenol	7.099	94	174974	20.575	ng		96
11) bis(2-Chloroethyl)ether	7.340	93	141040	21.057	ng		99
12) 1,3-Dichlorobenzene	7.787	146	139493	20.800	ng		99
13) 1,4-Dichlorobenzene	7.934	146	141829	20.885	ng		99
14) 1,2-Dichlorobenzene	8.252	146	136987	20.108	ng		98
15) Benzyl Alcohol	8.152	79	146827	19.641	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.434	45	148902	20.853	ng		99
17) 2-Methylphenol	8.352	107	126730	19.926	ng		100
18) Hexachloroethane	8.969	117	54138	20.572	ng		97
19) n-Nitroso-di-n-propyla...	8.716	70	134023	20.802	ng		98
20) 3+4-Methylphenols	8.681	107	175133	19.826	ng		94
22) Acetophenone	8.734	105	229771	21.235	ng	#	98
24) Nitrobenzene	9.116	77	180559	21.612	ng		98
25) Isophorone	9.640	82	320937	21.367	ng		99
26) 2-Nitrophenol	9.822	139	68182	20.396	ng		95
27) 2,4-Dimethylphenol	9.887	122	113922	20.643	ng		99
28) bis(2-Chloroethoxy)met...	10.128	93	176271	21.029	ng		99
29) 2,4-Dichlorophenol	10.357	162	126688	20.581	ng		99
30) 1,2,4-Trichlorobenzene	10.563	180	140505	20.777	ng		97
31) Naphthalene	10.751	128	389515	20.882	ng		99
32) Benzoic acid	10.022	122	94309	20.462	ng		97
33) 4-Chloroaniline	10.881	127	175172	20.670	ng		99
34) Hexachlorobutadiene	11.022	225	102921	20.929	ng		96
35) Caprolactam	11.681	113	45881	20.278	ng		92
36) 4-Chloro-3-methylphenol	12.004	107	156249	20.577	ng		98
37) 2-Methylnaphthalene	12.369	142	299827	20.706	ng		99
38) 1-Methylnaphthalene	12.587	142	281892	20.574	ng		97
40) 1,2,4,5-Tetrachloroben...	12.728	216	191562	20.570	ng		99
41) Hexachlorocyclopentadiene	12.698	237	97929	20.308	ng		98
43) 2,4,6-Trichlorophenol	12.981	196	127346	20.710	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.051	196	151441	20.675	ng	98
46) 1,1'-Biphenyl	13.381	154	404021	20.697	ng	99
47) 2-Chloronaphthalene	13.422	162	311703	20.572	ng	100
48) 2-Nitroaniline	13.640	65	113165	20.665	ng	99
49) Acenaphthylene	14.269	152	504767	20.563	ng	100
50) Dimethylphthalate	14.016	163	455477	20.465	ng	99
51) 2,6-Dinitrotoluene	14.140	165	98779	20.622	ng	97
52) Acenaphthene	14.610	154	300839	20.411	ng	99
53) 3-Nitroaniline	14.469	138	96566	20.366	ng	92
54) 2,4-Dinitrophenol	14.687	184	58264	19.520	ng	94
55) Dibenzofuran	14.945	168	516754	20.543	ng	99
56) 4-Nitrophenol	14.781	139	77585	20.918	ng	98
57) 2,4-Dinitrotoluene	14.934	165	140403	20.596	ng	100
58) Fluorene	15.598	166	424799	20.822	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.175	232	140111	20.856	ng	99
60) Diethylphthalate	15.381	149	468257	21.297	ng	100
61) 4-Chlorophenyl-phenyle...	15.598	204	240020	20.572	ng	99
62) 4-Nitroaniline	15.634	138	104670	22.824	ng	96
63) Azobenzene	15.892	77	443484	21.666	ng	98
65) 4,6-Dinitro-2-methylph...	15.692	198	88809	20.466	ng	93
66) n-Nitrosodiphenylamine	15.816	169	377038	20.552	ng	100
67) 4-Bromophenyl-phenylether	16.498	248	163116	20.634	ng	99
68) Hexachlorobenzene	16.598	284	171913	20.165	ng	98
69) Atrazine	16.781	200	160005	20.845	ng	99
70) Pentachlorophenol	16.951	266	127871	20.292	ng	99
71) Phenanthrene	17.351	178	708821	20.771	ng	99
72) Anthracene	17.439	178	723903	20.780	ng	99
73) Carbazole	17.722	167	646432	20.951	ng	100
74) Di-n-butylphthalate	18.275	149	823945	21.352	ng	100
75) Fluoranthene	19.322	202	919746	20.767	ng	100
77) Benzidine	19.510	184	409245	20.832	ng	99
78) Pyrene	19.675	202	951824	20.257	ng	99
80) Butylbenzylphthalate	20.563	149	399828	21.279	ng	99
81) Benzo(a)anthracene	21.392	228	1002564	20.652	ng	99
82) 3,3'-Dichlorobenzidine	21.327	252	391843	21.045	ng	99
83) Chrysene	21.445	228	942524	20.720	ng	99
84) Bis(2-ethylhexyl)phtha...	21.327	149	584861	21.684	ng	100
85) Di-n-octyl phthalate	22.269	149	997266	22.217	ng	100
87) Indeno(1,2,3-cd)pyrene	26.374	276	1119526	20.770	ng	99
88) Benzo(b)fluoranthene	23.092	252	953776	20.319	ng	99
89) Benzo(k)fluoranthene	23.145	252	953875	20.720	ng	100
90) Benzo(a)pyrene	23.727	252	925876	20.640	ng	99
91) Dibenzo(a,h)anthracene	26.398	278	943159	20.814	ng	99
92) Benzo(g,h,i)perylene	27.151	276	911797	20.845	ng	97

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

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