Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012924\
Data File : BP019465.D
Acq On : 29 Jan 2024 14:48
Operator : MA/JU
Sample : SSTDICC020
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 01/31/2024

Quant Time: Jan 30 00:52:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 30 00:44:14 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.934	152	73466	20.000	ng		0.00
21) Naphthalene-d8	10.734	136	312726	20.000	ng		0.00
39) Acenaphthene-d10	14.563	164	226063	20.000	ng		0.00
64) Phenanthrene-d10	17.322	188	515335	20.000	ng		0.00
76) Chrysene-d12	21.416	240	433875	20.000	ng		0.00
86) Perylene-d12	23.851	264	372532	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.499	112	182839	39.601	ng		0.00
7) Phenol-d6	7.099	99	272313	40.402	ng		0.00
23) Nitrobenzene-d5	9.099	82	306605	40.343	ng		0.00
42) 2,4,6-Tribromophenol	16.057	330	124488	40.193	ng		0.00
45) 2-Fluorobiphenyl	13.192	172	700687	39.909	ng		0.00
79) Terphenyl-d14	19.892	244	1196856	39.301	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.405	88	35668	20.577	ng		97
3) Pyridine	3.799	79	100006	19.602	ng		98
4) n-Nitrosodimethylamine	3.722	42	55452	19.730	ng		98
6) Aniline	7.263	93	136945	20.219	ng		99
8) 2-Chlorophenol	7.493	128	98687	19.968	ng		97
9) Benzaldehyde	7.075	77	88248m	22.353	ng		
10) Phenol	7.122	94	133723	20.073	ng		100
11) bis(2-Chloroethyl)ether	7.369	93	105094	20.511	ng		99
12) 1,3-Dichlorobenzene	7.816	146	116580	20.092	ng		98
13) 1,4-Dichlorobenzene	7.969	146	117461	19.895	ng		99
14) 1,2-Dichlorobenzene	8.281	146	113642	19.961	ng		98
15) Benzyl Alcohol	8.175	79	121519	20.596	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.469	45	142715m	20.536	ng		
17) 2-Methylphenol	8.375	107	93344	20.272	ng		99
18) Hexachloroethane	9.004	117	47468	20.046	ng		100
19) n-Nitroso-di-n-propyla...	8.746	70	106497	20.931	ng		98
20) 3+4-Methylphenols	8.704	107	131746	20.565	ng		98
22) Acetophenone	8.763	105	187988	20.048	ng	#	99
24) Nitrobenzene	9.140	77	155521	20.102	ng		99
25) Isophorone	9.663	82	296883	20.765	ng		97
26) 2-Nitrophenol	9.846	139	52377	19.365	ng		95
27) 2,4-Dimethylphenol	9.910	122	75526	20.333	ng		98
28) bis(2-Chloroethoxy)met...	10.157	93	156314	20.637	ng		98
29) 2,4-Dichlorophenol	10.375	162	108185	20.238	ng		99
30) 1,2,4-Trichlorobenzene	10.593	180	126348	20.334	ng		99
31) Naphthalene	10.781	128	354699	20.328	ng		99
32) Benzoic acid	10.028	122	74774	19.873	ng		91
33) 4-Chloroaniline	10.898	127	143035	20.806	ng		99
34) Hexachlorobutadiene	11.057	225	90497	20.094	ng		96
35) Caprolactam	11.675	113	40963	21.572	ng		90
36) 4-Chloro-3-methylphenol	12.016	107	142054	20.914	ng		99
37) 2-Methylnaphthalene	12.392	142	258196	20.645	ng		98
38) 1-Methylnaphthalene	12.610	142	256209	20.710	ng		98
40) 1,2,4,5-Tetrachloroben...	12.751	216	151126	19.555	ng		97
41) Hexachlorocyclopentadiene	12.722	237	68763	19.719	ng		97
43) 2,4,6-Trichlorophenol	12.998	196	97943	19.730	ng		96

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.063	196	108882	19.526	ng		97
46)	1,1'-Biphenyl	13.404	154	347588	19.906	ng		99
47)	2-Chloronaphthalene	13.439	162	279772	19.723	ng		99
48)	2-Nitroaniline	13.651	65	96289	19.496	ng		97
49)	Acenaphthylene	14.286	152	421994	20.096	ng		99
50)	Dimethylphthalate	14.034	163	373638	20.198	ng		100
51)	2,6-Dinitrotoluene	14.151	165	80332	19.957	ng		99
52)	Acenaphthene	14.628	154	260056	19.988	ng		97
53)	3-Nitroaniline	14.475	138	77336	20.183	ng		95
54)	2,4-Dinitrophenol	14.686	184	37995	20.262	ng		94
55)	Dibenzofuran	14.963	168	432178	20.262	ng		99
56)	4-Nitrophenol	14.781	139	64523	20.616	ng		96
57)	2,4-Dinitrotoluene	14.939	165	113917	20.701	ng		99
58)	Fluorene	15.616	166	357278	20.245	ng		96
59)	2,3,4,6-Tetrachlorophenol	15.186	232	97279	20.124	ng		99
60)	Diethylphthalate	15.398	149	399241	20.651	ng		99
61)	4-Chlorophenyl-phenyle...	15.616	204	193376	20.232	ng		100
62)	4-Nitroaniline	15.639	138	84500	20.612	ng		97
63)	Azobenzene	15.910	77	402380	20.666	ng		98
65)	4,6-Dinitro-2-methylph...	15.698	198	55471	18.350	ng		96
66)	n-Nitrosodiphenylamine	15.833	169	308610	20.032	ng		100
67)	4-Bromophenyl-phenylether	16.516	248	117497	19.870	ng		99
68)	Hexachlorobenzene	16.610	284	132888	19.739	ng		97
69)	Atrazine	16.792	200	118566	21.441	ng		99
70)	Pentachlorophenol	16.963	266	89774	20.340	ng		99
71)	Phenanthrene	17.363	178	549189	20.015	ng		98
72)	Anthracene	17.457	178	550107	20.081	ng		99
73)	Carbazole	17.727	167	521864	20.418	ng		99
74)	Di-n-butylphthalate	18.292	149	680022	21.163	ng		99
75)	Fluoranthene	19.333	202	687462	20.696	ng		100
77)	Benzidine	19.522	184	125782	20.094	ng		98
78)	Pyrene	19.680	202	707178	19.533	ng		99
80)	Butylbenzylphthalate	20.580	149	284220	20.749	ng		97
81)	Benzo(a)anthracene	21.404	228	624996	19.987	ng		99
82)	3,3'-Dichlorobenzidine	21.339	252	207699	19.756	ng		100
83)	Chrysene	21.457	228	585188	20.062	ng		100
84)	Bis(2-ethylhexyl)phtha...	21.351	149	392963	20.474	ng		99
85)	Di-n-octyl phthalate	22.304	149	598173	19.734	ng		100
87)	Indeno(1,2,3-cd)pyrene	26.398	276	455072	18.327	ng	#	92
88)	Benzo(b)fluoranthene	23.110	252	534602	21.461	ng		99
89)	Benzo(k)fluoranthene	23.162	252	479669	20.199	ng		100
90)	Benzo(a)pyrene	23.745	252	430897	20.257	ng		100
91)	Dibenzo(a,h)anthracene	26.427	278	375698	18.279	ng		99
92)	Benzo(g,h,i)perylene	27.180	276	372148	18.188	ng		98

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

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