Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022924\
Data File : BP019940.D
Acq On : 29 Feb 2024 16:51
Operator : MA/JU
Sample : P1639-11MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Feb 29 17:19:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP022624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 29 12:18:35 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SP-6MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/01/2024
Supervised By :mohammad ahmed 03/02/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.893	152	74963	20.000	ng		-0.02
21) Naphthalene-d8	10.698	136	281700	20.000	ng		-0.02
39) Acenaphthene-d10	14.539	164	207138	20.000	ng		-0.02
64) Phenanthrene-d10	17.304	188	497705	20.000	ng		-0.02
76) Chrysene-d12	21.415	240	541007	20.000	ng		-0.01
86) Perylene-d12	23.839	264	594439	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.469	112	426245	93.329	ng		-0.01
7) Phenol-d6	7.075	99	586729	86.287	ng		-0.01
23) Nitrobenzene-d5	9.069	82	385507	55.248	ng		-0.02
42) 2,4,6-Tribromophenol	16.045	330	383528	107.984	ng		-0.02
45) 2-Fluorobiphenyl	13.163	172	937385	61.143	ng		-0.02
79) Terphenyl-d14	19.874	244	2103665	61.287	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.363	88	59190	37.470	ng		97
3) Pyridine	3.763	79	161268	33.378	ng		98
4) n-Nitrosodimethylamine	3.687	42	85383	42.885	ng		97
6) Aniline	7.228	93	161213	19.327	ng		93
8) 2-Chlorophenol	7.457	128	218904	44.448	ng		99
9) Benzaldehyde	7.046	77	29020m	7.477	ng		
10) Phenol	7.098	94	280754	41.407	ng		98
11) bis(2-Chloroethyl)ether	7.328	93	202730	37.963	ng		98
12) 1,3-Dichlorobenzene	7.781	146	241692	45.201	ng		98
13) 1,4-Dichlorobenzene	7.928	146	251063	46.368	ng		100
14) 1,2-Dichlorobenzene	8.240	146	236758	43.588	ng		99
15) Benzyl Alcohol	8.146	79	230539	38.431	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.416	45	204515m	35.869	ng		
17) 2-Methylphenol	8.351	107	187573	36.990	ng		98
18) Hexachloroethane	8.957	117	93562	44.592	ng		97
19) n-Nitroso-di-n-propyla...	8.716	70	175856	34.234	ng		98
20) 3+4-Methylphenols	8.681	107	258633	35.496	ng		96
22) Acetophenone	8.728	105	345600	39.502	ng	#	99
24) Nitrobenzene	9.110	77	267858	39.652	ng		99
25) Isophorone	9.640	82	489969	40.343	ng		99
26) 2-Nitrophenol	9.816	139	122777	45.422	ng		97
27) 2,4-Dimethylphenol	9.881	122	170780	38.272	ng		99
28) bis(2-Chloroethoxy)met...	10.122	93	276409	40.781	ng		100
29) 2,4-Dichlorophenol	10.351	162	235405	47.296	ng		99
30) 1,2,4-Trichlorobenzene	10.557	180	261975	47.910	ng		99
31) Naphthalene	10.745	128	658394	43.652	ng		99
32) Benzoic acid	10.063	122	166725	44.100	ng		99
33) 4-Chloroaniline	10.875	127	100718	14.698	ng		98
34) Hexachlorobutadiene	11.010	225	188976	47.525	ng		97
35) Caprolactam	11.698	113	76878m	41.884	ng		
36) 4-Chloro-3-methylphenol	12.010	107	265335	43.215	ng		98
37) 2-Methylnaphthalene	12.363	142	475166	40.584	ng		98
38) 1-Methylnaphthalene	12.581	142	455119	41.080	ng		95
40) 1,2,4,5-Tetrachloroben...	12.728	216	337022	47.631	ng		100
41) Hexachlorocyclopentadiene	12.686	237	228680	62.418	ng		100
43) 2,4,6-Trichlorophenol	12.975	196	223360	47.810	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.057	196	246738	44.337	ng	99
46) 1,1'-Biphenyl	13.375	154	667788	45.026	ng	99
47) 2-Chloronaphthalene	13.416	162	539642	46.877	ng	100
48) 2-Nitroaniline	13.639	65	177316	42.618	ng	96
49) Acenaphthylene	14.263	152	873362	46.828	ng	100
50) Dimethylphthalate	14.016	163	720816	42.628	ng	99
51) 2,6-Dinitrotoluene	14.139	165	160642	44.142	ng	99
52) Acenaphthene	14.610	154	491440	43.885	ng	99
53) 3-Nitroaniline	14.469	138	100795	27.980	ng	95
54) 2,4-Dinitrophenol	14.692	184	207820	87.603	ng	98
55) Dibenzofuran	14.945	168	856465	44.813	ng	100
56) 4-Nitrophenol	14.792	139	273282	96.976	ng	97
57) 2,4-Dinitrotoluene	14.933	165	234350	45.247	ng	95
58) Fluorene	15.598	166	708553	45.712	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.175	232	241495	47.298	ng	97
60) Diethylphthalate	15.380	149	788199	47.183	ng	99
61) 4-Chlorophenyl-phenyle...	15.592	204	398811	44.990	ng	98
62) 4-Nitroaniline	15.639	138	160676m	42.822	ng	
63) Azobenzene	15.886	77	670296	43.102	ng	99
65) 4,6-Dinitro-2-methylph...	15.698	198	147137	43.556	ng	97
66) n-Nitrosodiphenylamine	15.816	169	622594	43.595	ng	99
67) 4-Bromophenyl-phenylether	16.492	248	276455	44.923	ng	99
68) Hexachlorobenzene	16.598	284	326740	49.232	ng	99
69) Atrazine	16.780	200	273321	45.740	ng	98
70) Pentachlorophenol	16.957	266	454203	92.588	ng	100
71) Phenanthrene	17.351	178	1200605	45.193	ng	100
72) Anthracene	17.439	178	1207560	44.528	ng	100
73) Carbazole	17.721	167	1111882	46.292	ng	99
74) Di-n-butylphthalate	18.274	149	1322584	44.028	ng	100
75) Fluoranthene	19.321	202	1599215	46.385	ng	100
77) Benzidine	19.515	184	800570	51.515	ng	99
78) Pyrene	19.674	202	1655452	44.537	ng	99
80) Butylbenzylphthalate	20.563	149	629067	42.322	ng	96
81) Benzo(a)anthracene	21.398	228	1744718	45.432	ng	99
82) 3,3'-Dichlorobenzidine	21.333	252	496990	33.743	ng	99
83) Chrysene	21.451	228	1610657	44.760	ng	99
84) Bis(2-ethylhexyl)phtha...	21.327	149	899440	42.154	ng	99
85) Di-n-octyl phthalate	22.268	149	1602062	45.116	ng	99
87) Indeno(1,2,3-cd)pyrene	26.403	276	1813077	43.324	ng	99
88) Benzo(b)fluoranthene	23.104	252	1736605	47.651	ng	99
89) Benzo(k)fluoranthene	23.156	252	1638056	45.830	ng	99
90) Benzo(a)pyrene	23.739	252	1525513	43.801	ng	100
91) Dibenzo(a,h)anthracene	26.427	278	1523688	43.310	ng	99
92) Benzo(g,h,i)perylene	27.186	276	1369007	40.310	ng	98

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

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