Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022424\
Data File : BP019864.D
Acq On : 24 Feb 2024 16:25
Operator : MA/JU
Sample : P1564-03MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-10MSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/26/2024
Supervised By :mohammad ahmed 02/27/2024

Quant Time: Feb 26 00:12:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 23 13:10:49 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.904	152	95721	20.000	ng		0.00
21) Naphthalene-d8	10.704	136	349779	20.000	ng		0.00
39) Acenaphthene-d10	14.545	164	239151	20.000	ng		0.00
64) Phenanthrene-d10	17.304	188	512042	20.000	ng		0.00
76) Chrysene-d12	21.415	240	471919	20.000	ng		#-0.01
86) Perylene-d12	23.845	264	559278	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	430381	72.475	ng		0.00
7) Phenol-d6	7.081	99	705910	88.161	ng		0.00
23) Nitrobenzene-d5	9.075	82	387653	48.023	ng		0.00
42) 2,4,6-Tribromophenol	16.045	330	318336	91.167	ng		0.00
45) 2-Fluorobiphenyl	13.169	172	926993	47.918	ng		0.00
79) Terphenyl-d14	19.874	244	1627812	56.726	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.381	88	76052	33.241	ng		99
3) Pyridine	3.781	79	198852	32.058	ng		97
4) n-Nitrosodimethylamine	3.705	42	105647	39.121	ng		97
6) Aniline	7.234	93	284342	36.547	ng		98
8) 2-Chlorophenol	7.469	128	270724	44.405	ng		97
9) Benzaldehyde	7.057	77	53242m	9.484	ng		
10) Phenol	7.104	94	403924	50.614	ng		98
11) bis(2-Chloroethyl)ether	7.340	93	290587	46.803	ng		99
12) 1,3-Dichlorobenzene	7.787	146	299629	40.164	ng		98
13) 1,4-Dichlorobenzene	7.940	146	302233	39.988	ng		98
14) 1,2-Dichlorobenzene	8.251	146	290314	39.700	ng		98
15) Benzyl Alcohol	8.151	79	263975	41.261	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.428	45	245285	39.507	ng		100
17) 2-Methylphenol	8.357	107	211964	39.452	ng		98
18) Hexachloroethane	8.969	117	115057	39.274	ng		93
19) n-Nitroso-di-n-propyla...	8.722	70	209110	38.234	ng		99
20) 3+4-Methylphenols	8.687	107	290936	39.678	ng		98
22) Acetophenone	8.740	105	405200	40.664	ng	#	97
24) Nitrobenzene	9.116	77	312321	38.428	ng		99
25) Isophorone	9.646	82	561450	39.938	ng		99
26) 2-Nitrophenol	9.822	139	144023	46.475	ng		97
27) 2,4-Dimethylphenol	9.887	122	187560	47.333	ng		99
28) bis(2-Chloroethoxy)met...	10.128	93	321461	40.415	ng		99
29) 2,4-Dichlorophenol	10.357	162	266987	44.572	ng		96
30) 1,2,4-Trichlorobenzene	10.563	180	311768	42.449	ng		98
31) Naphthalene	10.757	128	766481	39.955	ng		100
32) Benzoic acid	10.057	122	172295	44.627	ng		97
33) 4-Chloroaniline	10.881	127	94384	13.304	ng		96
34) Hexachlorobutadiene	11.022	225	232330	42.687	ng		98
35) Caprolactam	11.692	113	74977	44.214	ng		97
36) 4-Chloro-3-methylphenol	12.010	107	275898	42.241	ng		99
37) 2-Methylnaphthalene	12.369	142	545049	41.055	ng		96
38) 1-Methylnaphthalene	12.587	142	517708	39.682	ng		100
40) 1,2,4,5-Tetrachloroben...	12.728	216	386600	41.916	ng		99
41) Hexachlorocyclopentadiene	12.692	237	446807	107.236	ng		98
43) 2,4,6-Trichlorophenol	12.981	196	238882	42.773	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.057	196	259287	42.280	ng	97
46) 1,1'-Biphenyl	13.381	154	741124	38.828	ng	100
47) 2-Chloronaphthalene	13.422	162	588595	37.565	ng	99
48) 2-Nitroaniline	13.639	65	178310	40.698	ng	98
49) Acenaphthylene	14.269	152	930867	42.346	ng	99
50) Dimethylphthalate	14.016	163	753275	41.145	ng	99
51) 2,6-Dinitrotoluene	14.139	165	168830	41.973	ng	95
52) Acenaphthene	14.610	154	525720	38.533	ng	99
53) 3-Nitroaniline	14.469	138	97908	26.486	ng	91
54) 2,4-Dinitrophenol	14.686	184	210758	100.916	ng	98
55) Dibenzofuran	14.945	168	903013	40.638	ng	99
56) 4-Nitrophenol	14.786	139	249559	82.368	ng	96
57) 2,4-Dinitrotoluene	14.933	165	233562	44.311	ng	96
58) Fluorene	15.598	166	730464	41.272	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.175	232	245917	47.674	ng	94
60) Diethylphthalate	15.381	149	753101	41.357	ng	98
61) 4-Chlorophenyl-phenyle...	15.592	204	417302	41.950	ng	95
62) 4-Nitroaniline	15.639	138	154031	39.753	ng	99
63) Azobenzene	15.892	77	688761	39.114	ng	97
65) 4,6-Dinitro-2-methylph...	15.692	198	142498	48.806	ng	98
66) n-Nitrosodiphenylamine	15.816	169	632964	41.276	ng	99
67) 4-Bromophenyl-phenylether	16.492	248	278587	43.521	ng	95
68) Hexachlorobenzene	16.598	284	321144	42.962	ng	93
69) Atrazine	16.780	200	255818	50.272	ng	96
70) Pentachlorophenol	16.951	266	417309	89.646	ng	99
71) Phenanthrene	17.351	178	1136778	42.186	ng	99
72) Anthracene	17.439	178	1155105	42.971	ng	99
73) Carbazole	17.722	167	1003676	41.100	ng	99
74) Di-n-butylphthalate	18.274	149	1251346	42.380	ng	99
75) Fluoranthene	19.321	202	1390940	42.254	ng	99
77) Benzidine	19.516	184	514524	52.150	ng	99
78) Pyrene	19.674	202	1423527	42.741	ng	100
80) Butylbenzylphthalate	20.563	149	535624	43.064	ng	98
81) Benzo(a)anthracene	21.398	228	1404159	42.269	ng	99
82) 3,3'-Dichlorobenzidine	21.333	252	430264	35.544	ng	98
83) Chrysene	21.451	228	1322899	41.945	ng	100
84) Bis(2-ethylhexyl)phtha...	21.327	149	771352	40.726	ng	100
85) Di-n-octyl phthalate	22.274	149	1309947	39.310	ng	99
87) Indeno(1,2,3-cd)pyrene	26.398	276	1889574	44.138	ng	98
88) Benzo(b)fluoranthene	23.104	252	1442954	40.936	ng	99
89) Benzo(k)fluoranthene	23.151	252	1365178	40.545	ng	99
90) Benzo(a)pyrene	23.739	252	1325421	42.260	ng	98
91) Dibenzo(a,h)anthracene	26.421	278	1557720	44.241	ng	98
92) Benzo(g,h,i)perylene	27.192	276	1478094	41.379	ng	98

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

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