Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012924\
Data File : BP019469.D
Acq On : 29 Jan 2024 17:04
Operator : MA/JU
Sample : SSTDICC080
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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

Quant Time: Jan 30 00:46:35 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	77371	20.000	ng		0.00
21) Naphthalene-d8	10.734	136	314049	20.000	ng		0.00
39) Acenaphthene-d10	14.569	164	210200	20.000	ng		0.00
64) Phenanthrene-d10	17.322	188	453090	20.000	ng		0.00
76) Chrysene-d12	21.421	240	288238	20.000	ng		0.00
86) Perylene-d12	23.851	264	271849	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.505	112	786447	161.740	ng		0.00
7) Phenol-d6	7.110	99	1147474	161.652	ng		0.01
23) Nitrobenzene-d5	9.110	82	1274179	166.948	ng		0.00
42) 2,4,6-Tribromophenol	16.063	330	490226	170.222	ng		0.00
45) 2-Fluorobiphenyl	13.198	172	2728245	167.118	ng		0.00
79) Terphenyl-d14	19.898	244	3812031	188.423	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.405	88	142402	78.007	ng		100
3) Pyridine	3.799	79	436561m	81.252	ng		
4) n-Nitrosodimethylamine	3.722	42	243335	82.211	ng		96
6) Aniline	7.275	93	557161	78.110	ng		99
8) 2-Chlorophenol	7.499	128	420030	80.700	ng		98
10) Phenol	7.134	94	569057	81.111	ng		100
11) bis(2-Chloroethyl)ether	7.375	93	430612	79.799	ng		98
12) 1,3-Dichlorobenzene	7.816	146	485614	79.470	ng		97
13) 1,4-Dichlorobenzene	7.969	146	495196	79.641	ng		99
14) 1,2-Dichlorobenzene	8.281	146	479974	80.052	ng		99
15) Benzyl Alcohol	8.181	79	502985	80.948	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.475	45	573360	78.340	ng		99
17) 2-Methylphenol	8.381	107	388379	80.089	ng		99
18) Hexachloroethane	9.004	117	200205	80.282	ng		97
19) n-Nitroso-di-n-propyla...	8.763	70	418789	78.156	ng		98
20) 3+4-Methylphenols	8.722	107	548556	81.306	ng		98
22) Acetophenone	8.769	105	767843	81.542	ng	#	99
24) Nitrobenzene	9.152	77	639057	82.254	ng		100
25) Isophorone	9.675	82	1158175	80.667	ng		98
26) 2-Nitrophenol	9.851	139	242770	89.380	ng		95
27) 2,4-Dimethylphenol	9.916	122	307030	82.310	ng		96
28) bis(2-Chloroethoxy)met...	10.163	93	609340	80.106	ng		99
29) 2,4-Dichlorophenol	10.387	162	450022	83.829	ng		98
30) 1,2,4-Trichlorobenzene	10.599	180	514501	82.454	ng		100
31) Naphthalene	10.787	128	1419579	81.015	ng		100
32) Benzoic acid	10.122	122	344396	91.148	ng		95
33) 4-Chloroaniline	10.910	127	555435	80.455	ng		98
34) Hexachlorobutadiene	11.057	225	375190	82.955	ng		100
35) Caprolactam	11.728	113	149198m	78.240	ng		
36) 4-Chloro-3-methylphenol	12.028	107	555120	81.384	ng		99
37) 2-Methylnaphthalene	12.393	142	1017441	81.010	ng		98
38) 1-Methylnaphthalene	12.610	142	1008993	81.217	ng		99
40) 1,2,4,5-Tetrachloroben...	12.757	216	606202	84.361	ng		98
41) Hexachlorocyclopentadiene	12.728	237	286696	88.421	ng		98
43) 2,4,6-Trichlorophenol	13.004	196	394783	85.527	ng		100
44) 2,4,5-Trichlorophenol	13.069	196	441228	85.099	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.404	154	1339007	82.472	ng	100
47) 2-Chloronaphthalene	13.445	162	1089169	82.579	ng	100
48) 2-Nitroaniline	13.657	65	391344	85.216	ng	99
49) Acenaphthylene	14.292	152	1587865	81.322	ng	100
50) Dimethylphthalate	14.045	163	1390358	80.830	ng	100
51) 2,6-Dinitrotoluene	14.163	165	312740	83.556	ng	99
52) Acenaphthene	14.634	154	986211	81.520	ng	97
53) 3-Nitroaniline	14.492	138	293288	82.319	ng	97
54) 2,4-Dinitrophenol	14.692	184	175174	78.690	ng	95
55) Dibenzofuran	14.969	168	1606699	81.013	ng	99
56) 4-Nitrophenol	14.792	139	236464	81.254	ng	97
57) 2,4-Dinitrotoluene	14.945	165	430614	84.158	ng	96
58) Fluorene	15.616	166	1331524	81.145	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.192	232	372971	82.979	ng	99
60) Diethylphthalate	15.410	149	1454783	80.929	ng	100
61) 4-Chlorophenyl-phenyle...	15.622	204	733471	82.530	ng	96
62) 4-Nitroaniline	15.657	138	302408	79.334	ng	98
63) Azobenzene	15.916	77	1439777	79.528	ng	99
65) 4,6-Dinitro-2-methylph...	15.710	198	242485	91.234	ng	95
66) n-Nitrosodiphenylamine	15.839	169	1122463	82.869	ng	98
67) 4-Bromophenyl-phenylether	16.516	248	446852	85.948	ng	98
68) Hexachlorobenzene	16.616	284	493031	83.293	ng	98
69) Atrazine	16.798	200	347741	71.523	ng	99
70) Pentachlorophenol	16.963	266	337043	86.854	ng	98
71) Phenanthrene	17.369	178	1943203	80.549	ng	99
72) Anthracene	17.463	178	1919594	79.699	ng	100
73) Carbazole	17.733	167	1740941	77.472	ng	100
74) Di-n-butylphthalate	18.298	149	2307936	81.692	ng	99
75) Fluoranthene	19.333	202	2217067	75.914	ng	99
78) Pyrene	19.686	202	2210085	91.888	ng	99
80) Butylbenzylphthalate	20.580	149	802960	88.239	ng	99
81) Benzo(a)anthracene	21.404	228	1701660	81.912	ng	100
82) 3,3'-Dichlorobenzidine	21.339	252	548630	78.551	ng	100
83) Chrysene	21.457	228	1592431	82.178	ng	99
84) Bis(2-ethylhexyl)phtha...	21.351	149	1094418	85.831	ng	98
85) Di-n-octyl phthalate	22.304	149	1640628	81.474	ng	100
87) Indeno(1,2,3-cd)pyrene	26.415	276	1676406	92.520	ng	100
88) Benzo(b)fluoranthene	23.115	252	1473181	81.044	ng	99
89) Benzo(k)fluoranthene	23.168	252	1411542	81.456	ng	99
90) Benzo(a)pyrene	23.751	252	1281187	82.537	ng	100
91) Dibenzo(a,h)anthracene	26.445	278	1374512	91.641	ng	99
92) Benzo(g,h,i)perylene	27.198	276	1391258	93.179	ng	98

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

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