Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081524\
Data File : BP021513.D
Acq On : 15 Aug 2024 14:09
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024

Quant Time: Aug 15 14:42:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 14 00:00:30 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.805	152	498733	20.000	ng		0.00
21) Naphthalene-d8	10.593	136	2198825	20.000	ng		0.00
39) Acenaphthene-d10	14.451	164	1426047	20.000	ng		0.00
64) Phenanthrene-d10	17.257	188	2712780	20.000	ng		0.00
76) Chrysene-d12	21.710	240	2100995	20.000	ng		0.01
86) Perylene-d12	25.110	264	2335054	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.399	112	2666737	79.396	ng		0.00
7) Phenol-d6	6.964	99	4052770	82.715	ng		0.00
23) Nitrobenzene-d5	8.958	82	3813055	89.507	ng		0.00
42) 2,4,6-Tribromophenol	15.957	330	1185185	74.675	ng		-0.01
45) 2-Fluorobiphenyl	13.063	172	7426733	79.481	ng		0.00
79) Terphenyl-d14	19.975	244	9173458	84.824	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.323	88	594254	37.314	ng		99
3) Pyridine	3.711	79	1756449m	39.507	ng		
4) n-Nitrosodimethylamine	3.623	42	534741	40.016	ng		98
6) Aniline	7.134	93	1969415	40.206	ng		100
8) 2-Chlorophenol	7.369	128	1286123	41.435	ng		99
9) Benzaldehyde	6.946	77	1162760	37.064	ng		100
10) Phenol	6.993	94	2085702	41.108	ng		98
11) bis(2-Chloroethyl)ether	7.228	93	1735961	40.435	ng		99
12) 1,3-Dichlorobenzene	7.699	146	1429016	38.759	ng		99
13) 1,4-Dichlorobenzene	7.840	146	1453061	39.030	ng		98
14) 1,2-Dichlorobenzene	8.158	146	1409180	39.278	ng		99
15) Benzyl Alcohol	8.034	79	1491186	42.417	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.334	45	1619643	40.966	ng		99
17) 2-Methylphenol	8.234	107	1343131	41.874	ng		99
18) Hexachloroethane	8.893	117	604600	40.498	ng		99
19) n-Nitroso-di-n-propyla...	8.611	70	1367425	40.402	ng		99
20) 3+4-Methylphenols	8.563	107	1878939	43.443	ng		99
22) Acetophenone	8.616	105	2619670	38.781	ng	#	98
24) Nitrobenzene	8.999	77	1989403	42.997	ng		98
25) Isophorone	9.522	82	3921306	38.963	ng		99
26) 2-Nitrophenol	9.699	139	541349	47.235	ng		98
27) 2,4-Dimethylphenol	9.758	122	1006596	40.528	ng		98
28) bis(2-Chloroethoxy)met...	9.999	93	2449752	39.877	ng		100
29) 2,4-Dichlorophenol	10.234	162	1258368	42.881	ng		98
30) 1,2,4-Trichlorobenzene	10.458	180	1464679	38.930	ng		98
31) Naphthalene	10.646	128	4471130	38.924	ng		100
32) Benzoic acid	9.899	122	838090	50.545	ng		98
33) 4-Chloroaniline	10.740	127	1708198	39.589	ng		100
34) Hexachlorobutadiene	10.940	225	911818	38.492	ng		97
35) Caprolactam	11.510	113	490434	40.151	ng		97
36) 4-Chloro-3-methylphenol	11.869	107	1701674	41.803	ng		97
37) 2-Methylnaphthalene	12.257	142	3098173	39.519	ng		100
38) 1-Methylnaphthalene	12.475	142	3016372	39.012	ng		99
40) 1,2,4,5-Tetrachloroben...	12.622	216	1707136	40.857	ng		100
41) Hexachlorocyclopentadiene	12.610	237	557539	42.101	ng		99
43) 2,4,6-Trichlorophenol	12.863	196	1036336	44.650	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.928	196	1154887	44.785	ng		98
46) 1,1'-Biphenyl	13.269	154	4041690	40.059	ng		99
47) 2-Chloronaphthalene	13.310	162	3112455	39.624	ng		99
48) 2-Nitroaniline	13.504	65	950422	43.689	ng		94
49) Acenaphthylene	14.175	152	4544100	39.352	ng		99
50) Dimethylphthalate	13.904	163	3725919	39.015	ng		100
51) 2,6-Dinitrotoluene	14.016	165	804837	42.290	ng		98
52) Acenaphthene	14.516	154	3024775	39.923	ng		100
53) 3-Nitroaniline	14.340	138	775360	41.520	ng	#	95
54) 2,4-Dinitrophenol	14.551	184	240358	46.489	ng		91
55) Dibenzofuran	14.857	168	4565103	39.168	ng		98
56) 4-Nitrophenol	14.640	139	593637	40.179	ng		98
57) 2,4-Dinitrotoluene	14.816	165	1018113	42.222	ng		90
58) Fluorene	15.522	166	3584931	37.441	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.087	232	942069	43.041	ng		98
60) Diethylphthalate	15.293	149	3721764	37.982	ng		99
61) 4-Chlorophenyl-phenyle...	15.516	204	1873008	37.843	ng		100
62) 4-Nitroaniline	15.528	138	746003	38.909	ng		96
63) Azobenzene	15.816	77	4470102	37.111	ng		98
65) 4,6-Dinitro-2-methylph...	15.587	198	373957	46.880	ng		98
66) n-Nitrosodiphenylamine	15.734	169	3051819	41.979	ng		99
67) 4-Bromophenyl-phenylether	16.422	248	1122747	39.105	ng		98
68) Hexachlorobenzene	16.545	284	1394564	41.102	ng		97
69) Atrazine	16.698	200	896883	35.933	ng		100
70) Pentachlorophenol	16.898	266	807738	43.617	ng		99
71) Phenanthrene	17.298	178	5189958	39.781	ng		99
72) Anthracene	17.392	178	4991954	39.015	ng		100
73) Carbazole	17.663	167	4683895	37.986	ng		100
74) Di-n-butylphthalate	18.269	149	5896277	38.936	ng		100
75) Fluoranthene	19.375	202	5826555	36.399	ng		99
77) Benzidine	19.563	184	1465815	29.917	ng		98
78) Pyrene	19.751	202	5915844	43.079	ng		100
80) Butylbenzylphthalate	20.704	149	2076701	40.457	ng		97
81) Benzo(a)anthracene	21.686	228	5320527	40.340	ng		100
82) 3,3'-Dichlorobenzidine	21.592	252	1706121	40.345	ng		100
83) Chrysene	21.751	228	4926492	39.562	ng		100
84) Bis(2-ethylhexyl)phtha...	21.651	149	3384883	43.422	ng		100
85) Di-n-octyl phthalate	22.957	149	5214681	39.081	ng		100
87) Indeno(1,2,3-cd)pyrene	28.986	276	6277563m	41.474	ng		
88) Benzo(b)fluoranthene	24.033	252	5404785	40.302	ng		99
89) Benzo(k)fluoranthene	24.110	252	5262323	40.225	ng		99
90) Benzo(a)pyrene	24.951	252	4782608	41.095	ng		99
91) Dibenzo(a,h)anthracene	29.068	278	5176340	41.159	ng		99
92) Benzo(g,h,i)perylene	30.174	276	5195607	41.218	ng		100

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

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