Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060724\
Data File : BP020554.D
Acq On : 07 Jun 2024 10:16
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 07 11:52:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 30 03:41:03 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.763	152	314747	20.000	ng		0.00
21) Naphthalene-d8	10.534	136	1195180	20.000	ng		0.00
39) Acenaphthene-d10	14.393	164	713413	20.000	ng		0.00
64) Phenanthrene-d10	17.198	188	1316607	20.000	ng		0.00
76) Chrysene-d12	21.657	240	1060479	20.000	ng		-0.01
86) Perylene-d12	25.021	264	1411203	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.369	112	1428490	81.260	ng		0.00
7) Phenol-d6	6.940	99	1867797	75.341	ng		0.00
23) Nitrobenzene-d5	8.910	82	1783430	81.682	ng		-0.01
42) 2,4,6-Tribromophenol	15.910	330	689437	93.119	ng		0.00
45) 2-Fluorobiphenyl	12.998	172	4000402	83.591	ng		0.00
79) Terphenyl-d14	19.928	244	4778339	75.010	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.323	88	283131	39.861	ng		94
3) Pyridine	3.711	79	767273	38.419	ng		95
4) n-Nitrosodimethylamine	3.628	42	339062	34.954	ng		92
6) Aniline	7.099	93	894178	35.596	ng		97
8) 2-Chlorophenol	7.334	128	777066	39.433	ng		97
9) Benzaldehyde	6.922	77	545179	34.283	ng		97
10) Phenol	6.964	94	948346	37.345	ng		99
11) bis(2-Chloroethyl)ether	7.199	93	768614	36.702	ng		98
12) 1,3-Dichlorobenzene	7.652	146	923107	39.759	ng		99
13) 1,4-Dichlorobenzene	7.799	146	931779	39.486	ng		98
14) 1,2-Dichlorobenzene	8.111	146	888986	39.035	ng		99
15) Benzyl Alcohol	7.999	79	654675	35.751	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.281	45	1002245	32.056	ng		97
17) 2-Methylphenol	8.193	107	643987	37.370	ng		99
18) Hexachloroethane	8.828	117	337196	39.133	ng		94
19) n-Nitroso-di-n-propyla...	8.563	70	574173	33.926	ng		96
20) 3+4-Methylphenols	8.522	107	865781	36.938	ng		98
22) Acetophenone	8.575	105	1171508	39.489	ng	#	98
24) Nitrobenzene	8.952	77	885511	39.962	ng		99
25) Isophorone	9.475	82	1559900	36.771	ng		99
26) 2-Nitrophenol	9.652	139	411947	47.075	ng		95
27) 2,4-Dimethylphenol	9.710	122	502741	39.228	ng		98
28) bis(2-Chloroethoxy)met...	9.952	93	966184	37.055	ng		99
29) 2,4-Dichlorophenol	10.187	162	726437	42.250	ng		98
30) 1,2,4-Trichlorobenzene	10.393	180	843261	41.312	ng		97
31) Naphthalene	10.581	128	2445214	40.020	ng		99
32) Benzoic acid	9.857	122	528530	44.064	ng		99
33) 4-Chloroaniline	10.687	127	865567	36.621	ng		99
34) Hexachlorobutadiene	10.852	225	560813	43.616	ng		98
35) Caprolactam	11.481	113	221844	35.208	ng		90
36) 4-Chloro-3-methylphenol	11.804	107	759292	37.718	ng		99
37) 2-Methylnaphthalene	12.187	142	1633873	37.319	ng		98
38) 1-Methylnaphthalene	12.410	142	1615843	37.231	ng		100
40) 1,2,4,5-Tetrachloroben...	12.551	216	909503	44.062	ng		98
41) Hexachlorocyclopentadiene	12.534	237	368977	50.863	ng		97
43) 2,4,6-Trichlorophenol	12.804	196	575747	46.144	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.875	196	638703	44.371	ng	98
46) 1,1'-Biphenyl	13.216	154	2058583	40.887	ng	98
47) 2-Chloronaphthalene	13.246	162	1637461	40.911	ng	100
48) 2-Nitroaniline	13.457	65	451606	41.640	ng	97
49) Acenaphthylene	14.116	152	2408029	40.546	ng	100
50) Dimethylphthalate	13.851	163	1873145	37.248	ng	99
51) 2,6-Dinitrotoluene	13.957	165	439078	40.849	ng	94
52) Acenaphthene	14.457	154	1467755	39.179	ng	99
53) 3-Nitroaniline	14.293	138	415356	38.524	ng	100
54) 2,4-Dinitrophenol	14.510	184	202244	49.265	ng	91
55) Dibenzofuran	14.793	168	2292259	38.626	ng	97
56) 4-Nitrophenol	14.604	139	320365	38.412	ng	94
57) 2,4-Dinitrotoluene	14.763	165	575080	40.711	ng	94
58) Fluorene	15.451	166	1803401	37.853	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.022	232	505349	42.899	ng	97
60) Diethylphthalate	15.240	149	1798941	35.191	ng	99
61) 4-Chlorophenyl-phenyle...	15.457	204	945458	38.457	ng	100
62) 4-Nitroaniline	15.475	138	401315	36.134	ng	97
63) Azobenzene	15.757	77	1667432	34.932	ng	97
65) 4,6-Dinitro-2-methylph...	15.534	198	291928	49.691	ng	93
66) n-Nitrosodiphenylamine	15.681	169	1507883	41.656	ng	100
67) 4-Bromophenyl-phenylether	16.381	248	592492	43.987	ng	94
68) Hexachlorobenzene	16.475	284	685959	43.271	ng	99
69) Atrazine	16.657	200	457964	35.961	ng	99
70) Pentachlorophenol	16.839	266	440473	45.749	ng	98
71) Phenanthrene	17.245	178	2571153	39.727	ng	99
72) Anthracene	17.334	178	2554681	40.226	ng	100
73) Carbazole	17.616	167	2365601	38.509	ng	99
74) Di-n-butylphthalate	18.222	149	2726815	36.655	ng	99
75) Fluoranthene	19.328	202	2924864	38.200	ng	100
77) Benzidine	19.533	184	798988m	24.527	ng	
78) Pyrene	19.704	202	2967711	37.205	ng	99
80) Butylbenzylphthalate	20.675	149	1095738	34.813	ng	93
81) Benzo(a)anthracene	21.633	228	2786780	39.910	ng	100
82) 3,3'-Dichlorobenzidine	21.563	252	973350	46.893	ng	100
83) Chrysene	21.710	228	2630446	39.979	ng	99
84) Bis(2-ethylhexyl)phtha...	21.592	149	1585178	34.918	ng	97
85) Di-n-octyl phthalate	22.898	149	2981950	45.193	ng	97
87) Indeno(1,2,3-cd)pyrene	28.851	276	3934860m	45.853	ng	
88) Benzo(b)fluoranthene	23.963	252	3171883	36.079	ng	99
89) Benzo(k)fluoranthene	24.033	252	3035800	35.404	ng	99
90) Benzo(a)pyrene	24.874	252	2883459	39.603	ng	98
91) Dibenzo(a,h)anthracene	28.951	278	3241971	45.294	ng	99
92) Benzo(g,h,i)perylene	30.045	276	3293511	46.035	ng	97

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

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