Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082024\
Data File : BP021573.D
Acq On : 20 Aug 2024 15:14
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 20 15:53:35 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

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/21/2024
Supervised By :mohammad ahmed 08/22/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.804	152	335973	20.000	ng		0.00
21) Naphthalene-d8	10.598	136	1375105	20.000	ng		0.00
39) Acenaphthene-d10	14.457	164	896927	20.000	ng		0.00
64) Phenanthrene-d10	17.263	188	2000391	20.000	ng		0.01
76) Chrysene-d12	21.733	240	1986390	20.000	ng		0.04
86) Perylene-d12	25.174	264	2465896	20.000	ng		0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.399	112	1859645	82.189	ng		0.00
7) Phenol-d6	6.969	99	2630770	79.704	ng		0.00
23) Nitrobenzene-d5	8.951	82	2335882	87.678	ng		0.00
42) 2,4,6-Tribromophenol	15.969	330	960394	96.208	ng		0.00
45) 2-Fluorobiphenyl	13.069	172	4460300	75.894	ng		0.00
79) Terphenyl-d14	19.998	244	7594763	74.278	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.316	88	383277	35.725	ng		99
3) Pyridine	3.711	79	1076783	35.953	ng		95
4) n-Nitrosodimethylamine	3.616	42	333957	37.097	ng		92
6) Aniline	7.128	93	1202799	36.451	ng		97
8) 2-Chlorophenol	7.369	128	883620	42.259	ng		95
9) Benzaldehyde	6.946	77	975233m	46.146	ng		
10) Phenol	6.999	94	1326121	38.799	ng		96
11) bis(2-Chloroethyl)ether	7.228	93	1045870	36.162	ng		96
12) 1,3-Dichlorobenzene	7.693	146	975753	39.286	ng		98
13) 1,4-Dichlorobenzene	7.840	146	996610	39.737	ng		98
14) 1,2-Dichlorobenzene	8.157	146	946136	39.147	ng		99
15) Benzyl Alcohol	8.034	79	899092	37.964	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.334	45	941282	35.341	ng		98
17) 2-Methylphenol	8.240	107	869637	40.246	ng		97
18) Hexachloroethane	8.887	117	405610	40.331	ng		98
19) n-Nitroso-di-n-propyla...	8.604	70	752258	32.993	ng	#	97
20) 3+4-Methylphenols	8.563	107	1211210	41.571	ng		96
22) Acetophenone	8.616	105	1589409	37.624	ng	#	97
24) Nitrobenzene	8.993	77	1192310	41.206	ng		94
25) Isophorone	9.522	82	2211139	35.131	ng		97
26) 2-Nitrophenol	9.704	139	447381	56.393	ng		93
27) 2,4-Dimethylphenol	9.763	122	617458	39.752	ng		97
28) bis(2-Chloroethoxy)met...	9.998	93	1375017	35.790	ng		99
29) 2,4-Dichlorophenol	10.240	162	816952	44.515	ng		98
30) 1,2,4-Trichlorobenzene	10.463	180	914064	38.849	ng		98
31) Naphthalene	10.645	128	2811370	39.136	ng		100
32) Benzoic acid	9.898	122	753339	64.719	ng		91
33) 4-Chloroaniline	10.745	127	1080493	40.042	ng		97
34) Hexachlorobutadiene	10.940	225	564833	38.127	ng		99
35) Caprolactam	11.522	113	355249	46.506	ng		92
36) 4-Chloro-3-methylphenol	11.875	107	1110687	43.629	ng		98
37) 2-Methylnaphthalene	12.257	142	1872820	38.199	ng		98
38) 1-Methylnaphthalene	12.481	142	1852202	38.305	ng		99
40) 1,2,4,5-Tetrachloroben...	12.628	216	1022012	38.889	ng		100
41) Hexachlorocyclopentadiene	12.610	237	399951	48.018	ng		98
43) 2,4,6-Trichlorophenol	12.869	196	684123	46.863	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.939	196	770248	47.490	ng		98
46) 1,1'-Biphenyl	13.269	154	2453927	38.670	ng		98
47) 2-Chloronaphthalene	13.316	162	1963213	39.737	ng		99
48) 2-Nitroaniline	13.510	65	655560	47.414	ng	#	86
49) Acenaphthylene	14.169	152	2895422	39.867	ng		100
50) Dimethylphthalate	13.898	163	2412225	40.159	ng		99
51) 2,6-Dinitrotoluene	14.010	165	564683	46.714	ng		92
52) Acenaphthene	14.516	154	1954268	41.010	ng		100
53) 3-Nitroaniline	14.345	138	590343	49.426	ng	#	90
54) 2,4-Dinitrophenol	14.551	184	251749	65.892	ng		90
55) Dibenzofuran	14.857	168	2900879	39.572	ng		99
56) 4-Nitrophenol	14.657	139	536964	55.558	ng		87
57) 2,4-Dinitrotoluene	14.816	165	791977	51.030	ng		84
58) Fluorene	15.522	166	2350856	39.036	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.092	232	666543	48.417	ng		98
60) Diethylphthalate	15.286	149	2495354	40.489	ng		100
61) 4-Chlorophenyl-phenyle...	15.522	204	1188557	38.181	ng		98
62) 4-Nitroaniline	15.528	138	627919	51.077	ng		94
63) Azobenzene	15.822	77	2676440	35.328	ng		96
65) 4,6-Dinitro-2-methylph...	15.598	198	375357	58.037	ng		92
66) n-Nitrosodiphenylamine	15.733	169	2057748	38.385	ng		100
67) 4-Bromophenyl-phenylether	16.433	248	781765	36.926	ng		99
68) Hexachlorobenzene	16.551	284	956310	38.223	ng		97
69) Atrazine	16.704	200	595797	32.371	ng		100
70) Pentachlorophenol	16.904	266	670385	49.092	ng		99
71) Phenanthrene	17.310	178	3721162	38.680	ng		100
72) Anthracene	17.398	178	3743984	39.682	ng		100
73) Carbazole	17.680	167	3813588	41.942	ng		100
74) Di-n-butylphthalate	18.280	149	4460681	39.946	ng		100
75) Fluoranthene	19.398	202	4911983	41.613	ng		100
77) Benzidine	19.586	184	1546756	33.295	ng		99
78) Pyrene	19.768	202	5076913	39.103	ng		100
80) Butylbenzylphthalate	20.721	149	2105011	43.115	ng		96
81) Benzo(a)anthracene	21.710	228	4988868	40.008	ng		100
82) 3,3'-Dichlorobenzidine	21.621	252	1841428	46.057	ng		100
83) Chrysene	21.780	228	4649123	39.489	ng		100
84) Bis(2-ethylhexyl)phtha...	21.668	149	3116652	42.288	ng		100
85) Di-n-octyl phthalate	22.992	149	5385217	42.241	ng		98
87) Indeno(1,2,3-cd)pyrene	29.097	276	6483216m	40.560	ng		
88) Benzo(b)fluoranthene	24.086	252	5420198	38.272	ng		99
89) Benzo(k)fluoranthene	24.162	252	5314672	38.469	ng		99
90) Benzo(a)pyrene	25.015	252	4893689	39.818	ng		99
91) Dibenzo(a,h)anthracene	29.180	278	5331124	40.141	ng		99
92) Benzo(g,h,i)perylene	30.286	276	5441220	40.876	ng		99

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

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