Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081924\
Data File : BP021549.D
Acq On : 19 Aug 2024 11:25
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 19 13:07:35 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 :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	380064	20.000	ng	0.00
21) Naphthalene-d8	10.593	136	1643760	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	1113581	20.000	ng	0.00
64) Phenanthrene-d10	17.257	188	2421999	20.000	ng	0.00
76) Chrysene-d12	21.733	240	2231683	20.000	ng	0.04
86) Perylene-d12	25.180	264	2650234	20.000	ng	0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	2070597	80.896	ng	0.00
7) Phenol-d6	6.969	99	3045246	81.558	ng	0.00
23) Nitrobenzene-d5	8.951	82	2792385	87.682	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	1182680	95.426	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	5461895	74.855	ng	0.00
79) Terphenyl-d14	19.992	244	8961361	78.011	ng	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.316	88	422887	34.844	ng	99
3) Pyridine	3.711	79	1226226m	36.193	ng	
4) n-Nitrosodimethylamine	3.622	42	374480	36.773	ng	95
6) Aniline	7.134	93	1422491	38.108	ng	96
8) 2-Chlorophenol	7.375	128	1009963	42.698	ng	94
9) Benzaldehyde	6.946	77	750300m	31.384	ng	
10) Phenol	6.993	94	1538311	39.786	ng	98
11) bis(2-Chloroethyl)ether	7.228	93	1215158	37.141	ng	96
12) 1,3-Dichlorobenzene	7.699	146	1101695	39.211	ng	97
13) 1,4-Dichlorobenzene	7.846	146	1118556	39.426	ng	98
14) 1,2-Dichlorobenzene	8.157	146	1069104	39.103	ng	99
15) Benzyl Alcohol	8.034	79	1073881	40.084	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.334	45	1099101m	36.480	ng	
17) 2-Methylphenol	8.240	107	1015767	41.555	ng	97
18) Hexachloroethane	8.887	117	453101	39.826	ng	97
19) n-Nitroso-di-n-propyla...	8.604	70	912936	35.395	ng	96
20) 3+4-Methylphenols	8.563	107	1431050	43.419	ng	98
22) Acetophenone	8.616	105	1895347	37.533	ng	99
24) Nitrobenzene	8.993	77	1409569	40.753	ng	93
25) Isophorone	9.522	82	2727106	36.248	ng	97
26) 2-Nitrophenol	9.704	139	545124	57.073	ng	93
27) 2,4-Dimethylphenol	9.763	122	752528	40.530	ng	99
28) bis(2-Chloroethoxy)met...	9.998	93	1696973	36.951	ng	99
29) 2,4-Dichlorophenol	10.240	162	992875	45.259	ng	98
30) 1,2,4-Trichlorobenzene	10.457	180	1076475	38.274	ng	98
31) Naphthalene	10.645	128	3358297	39.109	ng	100
32) Benzoic acid	9.898	122	939772	66.596	ng	92
33) 4-Chloroaniline	10.745	127	1313289	40.715	ng	96
34) Hexachlorobutadiene	10.940	225	663437	37.464	ng	99
35) Caprolactam	11.522	113	434447	47.578	ng	92
36) 4-Chloro-3-methylphenol	11.875	107	1354230	44.501	ng	95
37) 2-Methylnaphthalene	12.263	142	2288379	39.047	ng	98
38) 1-Methylnaphthalene	12.481	142	2298593	39.767	ng	99
40) 1,2,4,5-Tetrachloroben...	12.634	216	1257128	38.529	ng	99
41) Hexachlorocyclopentadiene	12.616	237	401040	38.781	ng	99
43) 2,4,6-Trichlorophenol	12.869	196	852612	47.042	ng	98

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44) 2,4,5-Trichlorophenol	12.939	196	956441	47.497	ng		96
46) 1,1'-Biphenyl	13.275	154	3045830	38.659	ng		98
47) 2-Chloronaphthalene	13.316	162	2380803	38.814	ng		100
48) 2-Nitroaniline	13.510	65	803072	46.851	ng	#	86
49) Acenaphthylene	14.169	152	3585838	39.767	ng		100
50) Dimethylphthalate	13.904	163	2989479	40.087	ng		100
51) 2,6-Dinitrotoluene	14.016	165	683822	45.662	ng		87
52) Acenaphthene	14.516	154	2456167m	41.514	ng		
53) 3-Nitroaniline	14.345	138	710218	48.016	ng	#	89
54) 2,4-Dinitrophenol	14.551	184	335207	69.033	ng		89
55) Dibenzofuran	14.851	168	3593358	39.482	ng		98
56) 4-Nitrophenol	14.651	139	626798	52.539	ng		88
57) 2,4-Dinitrotoluene	14.810	165	945886	49.281	ng		88
58) Fluorene	15.516	166	2865612	38.326	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.081	232	829461	48.529	ng		100
60) Diethylphthalate	15.292	149	3095379	40.453	ng		99
61) 4-Chlorophenyl-phenyle...	15.516	204	1466460	37.943	ng		99
62) 4-Nitroaniline	15.522	138	721667	47.500	ng		94
63) Azobenzene	15.810	77	3332079	35.426	ng		96
65) 4,6-Dinitro-2-methylph...	15.592	198	481871	60.410	ng		97
66) n-Nitrosodiphenylamine	15.728	169	2509661	38.666	ng		99
67) 4-Bromophenyl-phenylether	16.428	248	972942	37.956	ng		99
68) Hexachlorobenzene	16.551	284	1185337	39.130	ng		98
69) Atrazine	16.704	200	772838	34.681	ng		99
70) Pentachlorophenol	16.898	266	830780	50.247	ng		98
71) Phenanthrene	17.304	178	4544566	39.016	ng		99
72) Anthracene	17.392	178	4509328	39.475	ng		100
73) Carbazole	17.669	167	4490520	40.790	ng		99
74) Di-n-butylphthalate	18.286	149	5458498	40.373	ng		99
75) Fluoranthene	19.392	202	5723617	40.048	ng		99
77) Benzidine	19.580	184	1943958	37.302	ng		100
78) Pyrene	19.769	202	5932994	40.674	ng		100
80) Butylbenzylphthalate	20.721	149	2486888	45.152	ng		93
81) Benzo(a)anthracene	21.710	228	5598106	39.959	ng		100
82) 3,3'-Dichlorobenzidine	21.627	252	2068715	46.055	ng		100
83) Chrysene	21.780	228	5310926	40.152	ng		100
84) Bis(2-ethylhexyl)phtha...	21.668	149	3719383	44.919	ng		100
85) Di-n-octyl phthalate	22.986	149	6384749	44.309	ng		97
87) Indeno(1,2,3-cd)pyrene	29.092	276	6908368	40.214	ng		99
88) Benzo(b)fluoranthene	24.086	252	6040702	39.687	ng		99
89) Benzo(k)fluoranthene	24.168	252	5612186	37.797	ng		100
90) Benzo(a)pyrene	25.021	252	5282576	39.993	ng		98
91) Dibenzo(a,h)anthracene	29.180	278	5704835	39.967	ng		99
92) Benzo(g,h,i)perylene	30.309	276	5778963	40.394	ng		99

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

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