Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081624\
Data File : BP021532.D
Acq On : 16 Aug 2024 09:35
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 16 11:07:28 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 :Yogesh Patel 08/17/2024
Supervised By :mohammad ahmed 08/17/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	503547	20.000	ng	0.00
21) Naphthalene-d8	10.610	136	2206550	20.000	ng	0.01
39) Acenaphthene-d10	14.463	164	1429113	20.000	ng	0.00
64) Phenanthrene-d10	17.263	188	2664159	20.000	ng	0.01
76) Chrysene-d12	21.721	240	1577751	20.000	ng	0.02
86) Perylene-d12	25.157	264	1869936	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	2726811	80.408	ng	0.02
7) Phenol-d6	6.975	99	4048664	81.841	ng	0.01
23) Nitrobenzene-d5	8.963	82	3718602	86.985	ng	0.01
42) 2,4,6-Tribromophenol	15.975	330	1372722	86.305	ng	0.00
45) 2-Fluorobiphenyl	13.069	172	7135241	76.198	ng	0.00
79) Terphenyl-d14	19.980	244	7577171	93.300	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.328	88	555504	34.547	ng	99
3) Pyridine	3.722	79	1562628m	34.811	ng	
4) n-Nitrosodimethylamine	3.628	42	503670	37.331	ng	93
6) Aniline	7.146	93	1869084	37.793	ng	97
8) 2-Chlorophenol	7.387	128	1338316	42.705	ng	94
9) Benzaldehyde	6.957	77	1089130	34.385	ng	91
10) Phenol	7.005	94	2051073	40.039	ng	97
11) bis(2-Chloroethyl)ether	7.240	93	1632606	37.664	ng	97
12) 1,3-Dichlorobenzene	7.710	146	1463030	39.302	ng	97
13) 1,4-Dichlorobenzene	7.852	146	1476402	39.277	ng	97
14) 1,2-Dichlorobenzene	8.169	146	1425553	39.354	ng	99
15) Benzyl Alcohol	8.046	79	1443121	40.657	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.346	45	1506305	37.735	ng	98
17) 2-Methylphenol	8.246	107	1355579	41.858	ng	97
18) Hexachloroethane	8.899	117	614551	40.771	ng	96
19) n-Nitroso-di-n-propyla...	8.616	70	1240373	36.297	ng	97
20) 3+4-Methylphenols	8.575	107	1908309	43.700	ng	98
22) Acetophenone	8.628	105	2552548	37.655	ng	99
24) Nitrobenzene	9.004	77	1899027	40.900	ng	95
25) Isophorone	9.534	82	3650320	36.144	ng	97
26) 2-Nitrophenol	9.716	139	708719	55.940	ng	95
27) 2,4-Dimethylphenol	9.775	122	1008195	40.450	ng	98
28) bis(2-Chloroethoxy)met...	10.010	93	2288093	37.115	ng	99
29) 2,4-Dichlorophenol	10.251	162	1315784	44.680	ng	97
30) 1,2,4-Trichlorobenzene	10.469	180	1460247	38.677	ng	99
31) Naphthalene	10.657	128	4470503	38.783	ng	100
32) Benzoic acid	9.922	122	1149432	62.562	ng	93
33) 4-Chloroaniline	10.751	127	1705537	39.389	ng	96
34) Hexachlorobutadiene	10.951	225	918879	38.654	ng	98
35) Caprolactam	11.534	113	522792	42.650	ng	88
36) 4-Chloro-3-methylphenol	11.881	107	1764683	43.199	ng	96
37) 2-Methylnaphthalene	12.269	142	3070611	39.031	ng	99
38) 1-Methylnaphthalene	12.487	142	3035796	39.125	ng	99
40) 1,2,4,5-Tetrachloroben...	12.645	216	1669948	39.881	ng	100
41) Hexachlorocyclopentadiene	12.628	237	617689	46.544	ng	96
43) 2,4,6-Trichlorophenol	12.875	196	1107030	47.594	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.951	196	1210993	46.860	ng		96
46) 1,1'-Biphenyl	13.287	154	3987856	39.440	ng		98
47) 2-Chloronaphthalene	13.328	162	3152504	40.048	ng		99
48) 2-Nitroaniline	13.516	65	990507	45.228	ng		90
49) Acenaphthylene	14.181	152	4596835	39.724	ng		99
50) Dimethylphthalate	13.916	163	3747151	39.153	ng		99
51) 2,6-Dinitrotoluene	14.028	165	851499	44.424	ng		90
52) Acenaphthene	14.528	154	3084650m	40.626	ng		
53) 3-Nitroaniline	14.351	138	835055	44.324	ng	#	94
54) 2,4-Dinitrophenol	14.569	184	340339	58.992	ng	#	88
55) Dibenzofuran	14.863	168	4539876	38.868	ng		99
56) 4-Nitrophenol	14.657	139	670908	44.663	ng		90
57) 2,4-Dinitrotoluene	14.822	165	1111216	45.537	ng		90
58) Fluorene	15.528	166	3570706	37.212	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.086	232	991517	45.203	ng		99
60) Diethylphthalate	15.298	149	3668232	37.355	ng		99
61) 4-Chlorophenyl-phenyle...	15.528	204	1830708	36.909	ng		99
62) 4-Nitroaniline	15.534	138	778685	40.404	ng		92
63) Azobenzene	15.822	77	4090879	33.890	ng		96
65) 4,6-Dinitro-2-methylph...	15.604	198	483430	56.717	ng		92
66) n-Nitrosodiphenylamine	15.733	169	3048551	42.699	ng		100
67) 4-Bromophenyl-phenylether	16.433	248	1186148	42.067	ng		98
68) Hexachlorobenzene	16.563	284	1376083	41.297	ng		99
69) Atrazine	16.710	200	835579	34.088	ng		99
70) Pentachlorophenol	16.898	266	872599	47.980	ng		100
71) Phenanthrene	17.304	178	5078540	39.637	ng		100
72) Anthracene	17.404	178	4976359	39.603	ng		100
73) Carbazole	17.675	167	4539734	37.488	ng		99
74) Di-n-butylphthalate	18.280	149	5394082	36.270	ng		99
75) Fluoranthene	19.386	202	5259201	33.454	ng		100
77) Benzidine	19.574	184	1412940	38.393	ng		100
78) Pyrene	19.763	202	5181984	50.250	ng		100
80) Butylbenzylphthalate	20.716	149	1771058	45.457	ng		94
81) Benzo(a)anthracene	21.704	228	3976864	40.152	ng		100
82) 3,3'-Dichlorobenzidine	21.610	252	1373746	43.259	ng		100
83) Chrysene	21.768	228	3724255	39.826	ng		100
84) Bis(2-ethylhexyl)phtha...	21.651	149	2483366	42.422	ng		100
85) Di-n-octyl phthalate	22.963	149	4080966	40.524	ng		97
87) Indeno(1,2,3-cd)pyrene	29.062	276	5264329m	43.431	ng		
88) Benzo(b)fluoranthene	24.057	252	4059229	37.797	ng		99
89) Benzo(k)fluoranthene	24.133	252	3963155	37.829	ng		100
90) Benzo(a)pyrene	24.980	252	3730128	40.024	ng		100
91) Dibenzo(a,h)anthracene	29.156	278	4321475	42.909	ng		99
92) Benzo(g,h,i)perylene	30.268	276	4419753	43.784	ng		99

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

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