Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082024\
Data File : BP021575.D
Acq On : 20 Aug 2024 16:40
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 20 17:15:31 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 08/21/2024
Supervised By :mohammad ahmed 08/22/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	372530	20.000	ng	0.00
21) Naphthalene-d8	10.593	136	1563751	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	1068846	20.000	ng	0.00
64) Phenanthrene-d10	17.275	188	2403929	20.000	ng	0.02
76) Chrysene-d12	21.739	240	2426350	20.000	ng	0.04
86) Perylene-d12	25.180	264	2940308	20.000	ng	0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	2044869	81.506	ng	0.00
7) Phenol-d6	6.969	99	2928471	80.016	ng	0.00
23) Nitrobenzene-d5	8.952	82	2633490	86.924	ng	0.00
42) 2,4,6-Tribromophenol	15.981	330	1133914	95.320	ng	0.01
45) 2-Fluorobiphenyl	13.063	172	5181271	73.981	ng	0.00
79) Terphenyl-d14	19.998	244	9297974	74.447	ng	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.317	88	424462	35.681	ng	99
3) Pyridine	3.717	79	1208987	36.406	ng	97
4) n-Nitrosodimethylamine	3.622	42	371373	37.206	ng	95
6) Aniline	7.134	93	1348749	36.863	ng	96
8) 2-Chlorophenol	7.375	128	979003	42.226	ng	95
9) Benzaldehyde	6.946	77	1037198	44.262	ng	93
10) Phenol	6.999	94	1481572	39.093	ng	96
11) bis(2-Chloroethyl)ether	7.228	93	1172312	36.557	ng	96
12) 1,3-Dichlorobenzene	7.699	146	1084084	39.364	ng	97
13) 1,4-Dichlorobenzene	7.840	146	1102920	39.661	ng	98
14) 1,2-Dichlorobenzene	8.158	146	1043542	38.940	ng	99
15) Benzyl Alcohol	8.040	79	1015548	38.673	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.334	45	1061205	35.934	ng	97
17) 2-Methylphenol	8.240	107	976782	40.769	ng	97
18) Hexachloroethane	8.887	117	454819	40.786	ng	98
19) n-Nitroso-di-n-propyla...	8.605	70	850374	33.637	ng	95
20) 3+4-Methylphenols	8.563	107	1356088	41.976	ng	99
22) Acetophenone	8.616	105	1802202	37.514	ng	99
24) Nitrobenzene	8.993	77	1345015	40.876	ng	93
25) Isophorone	9.522	82	2538499	35.467	ng	98
26) 2-Nitrophenol	9.704	139	508327	56.363	ng	92
27) 2,4-Dimethylphenol	9.769	122	711129	40.260	ng	98
28) bis(2-Chloroethoxy)met...	9.999	93	1593547	36.474	ng	99
29) 2,4-Dichlorophenol	10.240	162	947435	45.397	ng	98
30) 1,2,4-Trichlorobenzene	10.457	180	1037019	38.758	ng	98
31) Naphthalene	10.646	128	3220205	39.419	ng	100
32) Benzoic acid	9.905	122	875031	65.645	ng	92
33) 4-Chloroaniline	10.746	127	1251607	40.788	ng	97
34) Hexachlorobutadiene	10.940	225	645550	38.319	ng	98
35) Caprolactam	11.534	113	416030	47.892	ng	88
36) 4-Chloro-3-methylphenol	11.881	107	1284015	44.353	ng	96
37) 2-Methylnaphthalene	12.263	142	2186594	39.219	ng	100
38) 1-Methylnaphthalene	12.481	142	2166454	39.399	ng	99
40) 1,2,4,5-Tetrachloroben...	12.634	216	1175676	37.541	ng	100
41) Hexachlorocyclopentadiene	12.616	237	464856	46.834	ng	99
43) 2,4,6-Trichlorophenol	12.875	196	805218	46.287	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.946	196	901983	46.667	ng		97
46) 1,1'-Biphenyl	13.281	154	2870734	37.962	ng		98
47) 2-Chloronaphthalene	13.322	162	2258356	38.359	ng		99
48) 2-Nitroaniline	13.516	65	775883	47.126	ng		88
49) Acenaphthylene	14.181	152	3412612	39.430	ng		100
50) Dimethylphthalate	13.916	163	2903067	40.557	ng		100
51) 2,6-Dinitrotoluene	14.022	165	668456	46.431	ng		91
52) Acenaphthene	14.534	154	2344983m	41.294	ng		
53) 3-Nitroaniline	14.351	138	704846	49.513	ng	#	90
54) 2,4-Dinitrophenol	14.569	184	301078	66.049	ng		90
55) Dibenzofuran	14.869	168	3469479	39.716	ng		99
56) 4-Nitrophenol	14.663	139	623596	54.273	ng		88
57) 2,4-Dinitrotoluene	14.828	165	940265	50.859	ng	#	85
58) Fluorene	15.534	166	2801684	39.039	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.092	232	787234	47.986	ng		98
60) Diethylphthalate	15.304	149	3034612	41.319	ng		100
61) 4-Chlorophenyl-phenyle...	15.528	204	1408811	37.977	ng		99
62) 4-Nitroaniline	15.539	138	744682	50.846	ng		92
63) Azobenzene	15.822	77	3217680	35.641	ng		97
65) 4,6-Dinitro-2-methylph...	15.604	198	455554	58.431	ng		99
66) n-Nitrosodiphenylamine	15.739	169	2431907	37.750	ng		100
67) 4-Bromophenyl-phenylether	16.439	248	941570	37.008	ng		99
68) Hexachlorobenzene	16.563	284	1154799	38.408	ng		99
69) Atrazine	16.722	200	704532	31.853	ng		100
70) Pentachlorophenol	16.916	266	808216	49.250	ng		98
71) Phenanthrene	17.322	178	4562430	39.464	ng		100
72) Anthracene	17.416	178	4446404	39.216	ng		100
73) Carbazole	17.686	167	4532118	41.477	ng		99
74) Di-n-butylphthalate	18.298	149	5580792	41.587	ng		100
75) Fluoranthene	19.404	202	5912433	41.680	ng		100
77) Benzidine	19.592	184	2026298	35.722	ng		100
78) Pyrene	19.780	202	6147221	38.762	ng		99
80) Butylbenzylphthalate	20.722	149	2641829	44.200	ng		97
81) Benzo(a)anthracene	21.716	228	6085084	39.950	ng		100
82) 3,3'-Dichlorobenzidine	21.627	252	2216157	45.379	ng		100
83) Chrysene	21.786	228	5688074	39.553	ng		99
84) Bis(2-ethylhexyl)phtha...	21.663	149	4058627	45.083	ng		99
85) Di-n-octyl phthalate	22.992	149	7075138	45.068	ng		98
87) Indeno(1,2,3-cd)pyrene	29.109	276	7692660m	40.361	ng		
88) Benzo(b)fluoranthene	24.092	252	6649815	39.379	ng		99
89) Benzo(k)fluoranthene	24.168	252	6261875	38.012	ng		100
90) Benzo(a)pyrene	25.021	252	5826473	39.759	ng		99
91) Dibenzo(a,h)anthracene	29.221	278	6298888	39.775	ng		100
92) Benzo(g,h,i)perylene	30.303	276	6370124	40.133	ng		99

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

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