Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092024\
Data File : BP021973.D
Acq On : 20 Sep 2024 18:54
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 21 01:59:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 20 01:22:00 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/23/2024
Supervised By :mohammad ahmed 09/24/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.710	152	88498	20.000	ng		0.00
21) Naphthalene-d8	10.475	136	355715	20.000	ng		0.00
39) Acenaphthene-d10	14.328	164	297016	20.000	ng		0.00
64) Phenanthrene-d10	17.128	188	793237	20.000	ng		-0.01
76) Chrysene-d12	21.568	240	1025056	20.000	ng		0.00
86) Perylene-d12	24.862	264	1219743	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.328	112	363026	77.089	ng		0.00
7) Phenol-d6	6.893	99	475977	77.859	ng		0.00
23) Nitrobenzene-d5	8.851	82	536959	79.874	ng		0.00
42) 2,4,6-Tribromophenol	15.839	330	484387	87.969	ng		-0.02
45) 2-Fluorobiphenyl	12.940	172	1550210	76.189	ng		0.00
79) Terphenyl-d14	19.863	244	4261906	78.102	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.258	88	68471	35.016	ng		99
3) Pyridine	3.658	79	187425m	35.938	ng		
4) n-Nitrosodimethylamine	3.564	42	110321	40.101	ng		91
6) Aniline	7.046	93	207342	38.596	ng		97
8) 2-Chlorophenol	7.287	128	201264	39.969	ng		99
9) Benzaldehyde	6.863	77	136093	42.575	ng		98
10) Phenol	6.922	94	233693	38.488	ng		98
11) bis(2-Chloroethyl)ether	7.146	93	179233	39.187	ng		97
12) 1,3-Dichlorobenzene	7.605	146	249089	39.181	ng		100
13) 1,4-Dichlorobenzene	7.746	146	251033	38.936	ng		99
14) 1,2-Dichlorobenzene	8.057	146	242659	39.214	ng		99
15) Benzyl Alcohol	7.952	79	195865	41.777	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.228	45	192623	39.486	ng		98
17) 2-Methylphenol	8.152	107	167063	40.729	ng		96
18) Hexachloroethane	8.781	117	94834	40.002	ng		99
19) n-Nitroso-di-n-propyla...	8.510	70	162889	42.868	ng		95
20) 3+4-Methylphenols	8.475	107	239549	41.370	ng		96
22) Acetophenone	8.522	105	335535	38.668	ng	#	96
24) Nitrobenzene	8.893	77	271670	39.794	ng		99
25) Isophorone	9.416	82	451324	40.721	ng		99
26) 2-Nitrophenol	9.599	139	118611	39.736	ng		98
27) 2,4-Dimethylphenol	9.663	122	138463	40.060	ng		98
28) bis(2-Chloroethoxy)met...	9.893	93	263232	39.611	ng		98
29) 2,4-Dichlorophenol	10.128	162	241492	41.163	ng		97
30) 1,2,4-Trichlorobenzene	10.340	180	287833	39.388	ng		98
31) Naphthalene	10.528	128	703490	39.634	ng		99
32) Benzoic acid	9.810	122	166205	41.131	ng		99
33) 4-Chloroaniline	10.634	127	262257	40.963	ng		98
34) Hexachlorobutadiene	10.810	225	228269	39.930	ng		98
35) Caprolactam	11.422	113	72482	41.514	ng		98
36) 4-Chloro-3-methylphenol	11.757	107	263057	41.794	ng		97
37) 2-Methylnaphthalene	12.128	142	539274	41.527	ng		99
38) 1-Methylnaphthalene	12.351	142	532034	41.496	ng		99
40) 1,2,4,5-Tetrachloroben...	12.504	216	387047	37.247	ng		99
41) Hexachlorocyclopentadiene	12.487	237	146935	38.056	ng		99
43) 2,4,6-Trichlorophenol	12.745	196	242160	37.967	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.822	196	280153	39.155	ng	98
46) 1,1'-Biphenyl	13.151	154	766309	37.839	ng	100
47) 2-Chloronaphthalene	13.192	162	619870	37.854	ng	99
48) 2-Nitroaniline	13.392	65	186382	41.683	ng	99
49) Acenaphthylene	14.045	152	917971	39.728	ng	99
50) Dimethylphthalate	13.781	163	856197	39.746	ng	100
51) 2,6-Dinitrotoluene	13.898	165	192670	40.138	ng	97
52) Acenaphthene	14.392	154	605228	40.246	ng	99
53) 3-Nitroaniline	14.228	138	175728	41.077	ng	96
54) 2,4-Dinitrophenol	14.434	184	118425	42.107	ng	96
55) Dibenzofuran	14.734	168	1017911	40.270	ng	99
56) 4-Nitrophenol	14.545	139	158604	42.593	ng	99
57) 2,4-Dinitrotoluene	14.692	165	289607	42.678	ng	99
58) Fluorene	15.392	166	885299	41.939	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.963	232	293082	42.443	ng	100
60) Diethylphthalate	15.157	149	939165	42.903	ng	100
61) 4-Chlorophenyl-phenyle...	15.392	204	517200	42.085	ng	100
62) 4-Nitroaniline	15.416	138	204683	43.511	ng	96
63) Azobenzene	15.692	77	798734	44.093	ng	98
65) 4,6-Dinitro-2-methylph...	15.469	198	185012	40.239	ng	96
66) n-Nitrosodiphenylamine	15.604	169	763430	38.652	ng	97
67) 4-Bromophenyl-phenylether	16.304	248	368148	39.813	ng	97
68) Hexachlorobenzene	16.422	284	456551	39.601	ng	99
69) Atrazine	16.581	200	243966	34.475	ng	99
70) Pentachlorophenol	16.769	266	321175	41.408	ng	98
71) Phenanthrene	17.175	178	1513886	39.757	ng	99
72) Anthracene	17.263	178	1476538	40.058	ng	100
73) Carbazole	17.545	167	1453858	40.837	ng	99
74) Di-n-butylphthalate	18.145	149	1829617	43.757	ng	100
75) Fluoranthene	19.269	202	2252372	42.378	ng	99
77) Benzidine	19.457	184	472259	37.700	ng	98
78) Pyrene	19.645	202	2365933	38.154	ng	99
80) Butylbenzylphthalate	20.592	149	930839	42.088	ng	96
81) Benzo(a)anthracene	21.545	228	2590989	39.337	ng	100
82) 3,3'-Dichlorobenzidine	21.468	252	967669	40.491	ng	99
83) Chrysene	21.610	228	2430052	39.184	ng	100
84) Bis(2-ethylhexyl)phtha...	21.492	149	1408275	43.385	ng	99
85) Di-n-octyl phthalate	22.751	149	2466416	44.737	ng	100
87) Indeno(1,2,3-cd)pyrene	28.615	276	3237248	39.905	ng	93
88) Benzo(b)fluoranthene	23.815	252	2853622	39.559	ng	100
89) Benzo(k)fluoranthene	23.886	252	2732474	40.027	ng	98
90) Benzo(a)pyrene	24.704	252	2507253	40.347	ng	100
91) Dibenzo(a,h)anthracene	28.686	278	2625872	39.219	ng	99
92) Benzo(g,h,i)perylene	29.762	276	2743072	39.996	ng	99

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

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