Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081524\
Data File : BP021515.D
Acq On : 15 Aug 2024 15:37
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 15 16:12:42 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 08/16/2024
Supervised By :mohammad ahmed 08/17/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.805	152	352497	20.000	ng		0.00
21) Naphthalene-d8	10.593	136	1470751	20.000	ng		0.00
39) Acenaphthene-d10	14.445	164	969870	20.000	ng		-0.01
64) Phenanthrene-d10	17.251	188	2115328	20.000	ng		0.00
76) Chrysene-d12	21.704	240	2128450	20.000	ng		0.00
86) Perylene-d12	25.098	264	2469040	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.393	112	1946304	81.986	ng		0.00
7) Phenol-d6	6.963	99	2823835	81.542	ng		0.00
23) Nitrobenzene-d5	8.952	82	2581314	90.589	ng		0.00
42) 2,4,6-Tribromophenol	15.963	330	877862	81.327	ng		0.00
45) 2-Fluorobiphenyl	13.063	172	5044233	79.374	ng		0.00
79) Terphenyl-d14	19.963	244	8214886	74.981	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.322	88	447107	39.721	ng		98
3) Pyridine	3.711	79	1252353m	39.855	ng		
4) n-Nitrosodimethylamine	3.622	42	385609	40.827	ng		98
6) Aniline	7.134	93	1360361	39.293	ng		99
8) 2-Chlorophenol	7.369	128	902073	41.119	ng		99
9) Benzaldehyde	6.946	77	852833	38.463	ng		99
10) Phenol	6.987	94	1443567	40.255	ng		100
11) bis(2-Chloroethyl)ether	7.228	93	1186725	39.109	ng		99
12) 1,3-Dichlorobenzene	7.699	146	1030196	39.534	ng		99
13) 1,4-Dichlorobenzene	7.840	146	1036195	39.379	ng		98
14) 1,2-Dichlorobenzene	8.157	146	997044	39.319	ng		99
15) Benzyl Alcohol	8.028	79	1007754	40.558	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.334	45	1086528	38.883	ng		99
17) 2-Methylphenol	8.234	107	918745	40.526	ng		98
18) Hexachloroethane	8.887	117	428073	40.569	ng		99
19) n-Nitroso-di-n-propyla...	8.604	70	913890	38.203	ng		99
20) 3+4-Methylphenols	8.557	107	1259301	41.196	ng		98
22) Acetophenone	8.616	105	1765911	39.083	ng	#	99
24) Nitrobenzene	8.993	77	1364063	44.076	ng		99
25) Isophorone	9.516	82	2594739	38.545	ng		99
26) 2-Nitrophenol	9.699	139	342500	45.564	ng		97
27) 2,4-Dimethylphenol	9.757	122	673058	40.514	ng		96
28) bis(2-Chloroethoxy)met...	9.999	93	1604015	39.035	ng		99
29) 2,4-Dichlorophenol	10.234	162	853816	43.498	ng		99
30) 1,2,4-Trichlorobenzene	10.457	180	999131	39.703	ng		98
31) Naphthalene	10.640	128	3058219	39.804	ng		99
32) Benzoic acid	9.881	122	551734	49.992	ng		95
33) 4-Chloroaniline	10.746	127	1175135	40.717	ng		98
34) Hexachlorobutadiene	10.940	225	620933	39.188	ng		98
35) Caprolactam	11.504	113	357386	43.743	ng		99
36) 4-Chloro-3-methylphenol	11.863	107	1170990	43.006	ng		97
37) 2-Methylnaphthalene	12.251	142	2062049	39.324	ng		99
38) 1-Methylnaphthalene	12.481	142	2044874	39.539	ng		99
40) 1,2,4,5-Tetrachloroben...	12.622	216	1121844	39.477	ng		100
41) Hexachlorocyclopentadiene	12.616	237	353271	39.224	ng		99
43) 2,4,6-Trichlorophenol	12.863	196	686109	43.465	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.928	196	790979	45.100	ng		97
46) 1,1'-Biphenyl	13.269	154	2723776	39.694	ng		99
47) 2-Chloronaphthalene	13.310	162	2115952	39.608	ng		99
48) 2-Nitroaniline	13.510	65	661450	44.587	ng		92
49) Acenaphthylene	14.169	152	3183609	40.538	ng		100
50) Dimethylphthalate	13.904	163	2650366	40.806	ng		99
51) 2,6-Dinitrotoluene	14.004	165	574544	44.191	ng		99
52) Acenaphthene	14.516	154	2088336	40.528	ng		100
53) 3-Nitroaniline	14.334	138	581039	45.344	ng	#	96
54) 2,4-Dinitrophenol	14.551	184	171879	48.146	ng		95
55) Dibenzofuran	14.857	168	3207316	40.462	ng		99
56) 4-Nitrophenol	14.645	139	484056	47.162	ng		95
57) 2,4-Dinitrotoluene	14.804	165	752946	45.473	ng		97
58) Fluorene	15.516	166	2596645	39.875	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.075	232	659289	44.289	ng		97
60) Diethylphthalate	15.292	149	2733165	41.012	ng		100
61) 4-Chlorophenyl-phenyle...	15.510	204	1337824	39.744	ng		98
62) 4-Nitroaniline	15.510	138	614816	46.527	ng		99
63) Azobenzene	15.804	77	3274899	39.977	ng		100
65) 4,6-Dinitro-2-methylph...	15.581	198	277800	45.318	ng		98
66) n-Nitrosodiphenylamine	15.722	169	2225148	39.253	ng		99
67) 4-Bromophenyl-phenylether	16.422	248	814780	36.394	ng		99
68) Hexachlorobenzene	16.539	284	1025496	38.761	ng		99
69) Atrazine	16.698	200	699482	35.940	ng		99
70) Pentachlorophenol	16.886	266	617832	42.785	ng		99
71) Phenanthrene	17.298	178	4070096	40.008	ng		100
72) Anthracene	17.386	178	3974138	39.833	ng		100
73) Carbazole	17.651	167	3950771	41.090	ng		99
74) Di-n-butylphthalate	18.269	149	4803309	40.677	ng		100
75) Fluoranthene	19.375	202	5201873	41.674	ng		100
77) Benzidine	19.563	184	1935177	39.007	ng		99
78) Pyrene	19.745	202	5342454	38.402	ng		99
80) Butylbenzylphthalate	20.698	149	1964062	38.009	ng		98
81) Benzo(a)anthracene	21.674	228	5273041	39.464	ng		100
82) 3,3'-Dichlorobenzidine	21.592	252	1830204	42.721	ng		99
83) Chrysene	21.745	228	4977056	39.453	ng		100
84) Bis(2-ethylhexyl)phtha...	21.633	149	3256957	41.242	ng		98
85) Di-n-octyl phthalate	22.945	149	5154605	38.250	ng		100
87) Indeno(1,2,3-cd)pyrene	28.974	276	6528768m	40.793	ng		
88) Benzo(b)fluoranthene	24.021	252	5707896	40.252	ng		100
89) Benzo(k)fluoranthene	24.098	252	5496638	39.736	ng		99
90) Benzo(a)pyrene	24.939	252	4977254	40.447	ng		100
91) Dibenzo(a,h)anthracene	29.080	278	5383733	40.485	ng		100
92) Benzo(g,h,i)perylene	30.192	276	5447861	40.874	ng		98

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

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