Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121322\
Data File : BP013090.D
Acq On : 12 Dec 2022 18:31
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 13 02:25:25 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 13 02:17:11 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.964	152	613650	20.000	ng		0.00
21) Naphthalene-d8	10.781	136	2449184	20.000	ng		0.00
39) Acenaphthene-d10	14.604	164	1564252	20.000	ng		0.00
64) Phenanthrene-d10	17.363	188	3051197	20.000	ng		0.00
76) Chrysene-d12	21.445	240	2094396	20.000	ng		0.00
86) Perylene-d12	23.927	264	1966620	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.511	112	3243074	114.494	ng		0.00
7) Phenol-d6	7.122	99	4485088	110.410	ng		0.00
23) Nitrobenzene-d5	9.140	82	4428739	100.847	ng		0.00
42) 2,4,6-Tribromophenol	16.098	330	2032878	115.305	ng		0.00
45) 2-Fluorobiphenyl	13.228	172	10383657	94.570	ng		0.00
79) Terphenyl-d14	19.910	244	11341993	115.097	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.376	88	675391	56.580	ng		100
3) Pyridine	3.787	79	2073594m	54.674	ng		
4) n-Nitrosodimethylamine	3.699	42	922280	55.605	ng		100
6) Aniline	7.287	93	2756900	53.684	ng		100
8) 2-Chlorophenol	7.528	128	1980889	54.219	ng		98
9) Benzaldehyde	7.099	77	1227434	43.229	ng		100
10) Phenol	7.152	94	2503905	54.092	ng		99
11) bis(2-Chloroethyl)ether	7.387	93	1978049	48.940	ng		100
12) 1,3-Dichlorobenzene	7.852	146	2206449	48.599	ng		100
13) 1,4-Dichlorobenzene	7.999	146	2263220	48.537	ng		99
14) 1,2-Dichlorobenzene	8.322	146	2154495	47.554	ng		98
15) Benzyl Alcohol	8.205	79	1734257	60.048	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.499	45	2858137	47.721	ng		100
17) 2-Methylphenol	8.411	107	1706850	53.987	ng		99
18) Hexachloroethane	9.052	117	782271	45.924	ng		98
19) n-Nitroso-di-n-propyla...	8.781	70	1551860	54.120	ng		98
20) 3+4-Methylphenols	8.740	107	2373943	55.763	ng		99
22) Acetophenone	8.793	105	3001798	50.207	ng	#	99
24) Nitrobenzene	9.181	77	2294160	51.052	ng		97
25) Isophorone	9.705	82	4090193	50.795	ng		100
26) 2-Nitrophenol	9.887	139	1155843	98.293	ng		98
27) 2,4-Dimethylphenol	9.946	122	1649032	59.723	ng		100
28) bis(2-Chloroethoxy)met...	10.187	93	2463504	51.729	ng		99
29) 2,4-Dichlorophenol	10.422	162	2058212	62.101	ng		99
30) 1,2,4-Trichlorobenzene	10.640	180	2256194	51.286	ng		99
31) Naphthalene	10.828	128	6498989	48.892	ng		100
32) Benzoic acid	10.110	122	1467725	102.837	ng		99
33) 4-Chloroaniline	10.940	127	2663859	54.996	ng		99
34) Hexachlorobutadiene	11.110	225	1423090	51.550	ng		98
35) Caprolactam	11.752	113	604294	61.362	ng		95
36) 4-Chloro-3-methylphenol	12.057	107	2049899	55.688	ng		99
37) 2-Methylnaphthalene	12.434	142	4616240	48.749	ng		99
38) 1-Methylnaphthalene	12.652	142	4520431	48.617	ng		100
40) 1,2,4,5-Tetrachloroben...	12.799	216	2568878	51.591	ng		100
41) Hexachlorocyclopentadiene	12.775	237	1334548	56.354	ng		99
43) 2,4,6-Trichlorophenol	13.040	196	1770405	61.349	ng		100

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	13.110	196	1928223	59.835	ng	96
46)	1,1'-Biphenyl	13.440	154	5779478	48.841	ng	100
47)	2-Chloronaphthalene	13.487	162	4605081	49.143	ng	99
48)	2-Nitroaniline	13.687	65	1322527	64.228	ng	99
49)	Acenaphthylene	14.328	152	7132382	47.929	ng	99
50)	Dimethylphthalate	14.063	163	5748002	49.940	ng	99
51)	2,6-Dinitrotoluene	14.181	165	1271645	52.570	ng	98
52)	Acenaphthene	14.669	154	4334641	45.962	ng	99
53)	3-Nitroaniline	14.516	138	1321179	53.787	ng	97
54)	2,4-Dinitrophenol	14.716	184	803388	85.293	ng	99
55)	Dibenzofuran	15.004	168	6927794	47.228	ng	100
56)	4-Nitrophenol	14.816	139	1043772	50.294	ng	97
57)	2,4-Dinitrotoluene	14.969	165	1666497	52.243	ng	99
58)	Fluorene	15.657	166	5367897	44.509	ng	100
59)	2,3,4,6-Tetrachlorophenol	15.228	232	1697255	53.828	ng	99
60)	Diethylphthalate	15.422	149	5423961	49.829	ng	99
61)	4-Chlorophenyl-phenyle...	15.645	204	2823957	47.165	ng	99
62)	4-Nitroaniline	15.681	138	1283208	54.493	ng	99
63)	Azobenzene	15.940	77	5001759	43.597	ng	99
65)	4,6-Dinitro-2-methylph...	15.734	198	1039721	84.055	ng	96
66)	n-Nitrosodiphenylamine	15.863	169	4718329	55.329	ng	100
67)	4-Bromophenyl-phenylether	16.545	248	1830637	58.658	ng	95
68)	Hexachlorobenzene	16.663	284	2086455	54.106	ng	99
69)	Atrazine	16.816	200	1369472	59.821	ng	99
70)	Pentachlorophenol	17.004	266	1283620	57.566	ng	99
71)	Phenanthrene	17.404	178	8289538	48.028	ng	100
72)	Anthracene	17.498	178	7996833	48.761	ng	99
73)	Carbazole	17.763	167	6949716	46.905	ng	99
74)	Di-n-butylphthalate	18.304	149	8076356	62.271	ng	99
75)	Fluoranthene	19.363	202	8569862	42.088	ng	98
77)	Benzidine	19.539	184	1392374	112.823	ng	99
78)	Pyrene	19.716	202	8600837	62.201	ng	99
80)	Butylbenzylphthalate	20.581	149	2772862	200.362	ng	98
81)	Benzo(a)anthracene	21.428	228	7119053	50.295	ng	99
82)	3,3'-Dichlorobenzidine	21.357	252	2116187	70.741	ng	99
83)	Chrysene	21.486	228	6761612	49.906	ng	100
84)	Bis(2-ethylhexyl)phtha...	21.339	149	3554307	136.528	ng	100
85)	Di-n-octyl phthalate	22.292	149	5587842	91.813	ng	100
87)	Indeno(1,2,3-cd)pyrene	26.533	276	7987877	57.993	ng	100
88)	Benzo(b)fluoranthene	23.169	252	6334419	48.136	ng	100
89)	Benzo(k)fluoranthene	23.222	252	6534428	48.446	ng	99
90)	Benzo(a)pyrene	23.822	252	5375769	51.242	ng	100
91)	Dibenzo(a,h)anthracene	26.551	278	6598003	56.196	ng	100
92)	Benzo(g,h,i)perylene	27.339	276	6599272	62.281	ng	99

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

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