Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011223\
Data File : BP013463.D
Acq On : 12 Jan 2023 17:26
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 13 02:34:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 13 02:28:25 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/13/2023
Supervised By :mohammad ahmed 01/13/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	531339	20.000	ng	0.00
21) Naphthalene-d8	10.722	136	2235376	20.000	ng	0.00
39) Acenaphthene-d10	14.557	164	1486789	20.000	ng	0.00
64) Phenanthrene-d10	17.316	188	3362848	20.000	ng	0.00
76) Chrysene-d12	21.410	240	3345144	20.000	ng	0.00
86) Perylene-d12	23.868	264	4091586	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	2371823	81.561	ng	0.00
7) Phenol-d6	7.075	99	3387611	89.201	ng	0.00
23) Nitrobenzene-d5	9.081	82	3361562	82.442	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	1853886	103.419	ng	0.00
45) 2-Fluorobiphenyl	13.181	172	8103417	74.003	ng	0.00
79) Terphenyl-d14	19.869	244	11853683	69.910	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.334	88	458447	35.580	ng	100
3) Pyridine	3.746	79	1467724m	40.110	ng	
4) n-Nitrosodimethylamine	3.652	42	702427	42.834	ng	100
6) Aniline	7.234	93	2253454	49.001	ng	100
8) 2-Chlorophenol	7.469	128	1379880	40.250	ng	100
9) Benzaldehyde	7.046	77	934407	41.007	ng	100
10) Phenol	7.105	94	1757026	41.333	ng	100
11) bis(2-Chloroethyl)ether	7.334	93	1412357	41.269	ng	100
12) 1,3-Dichlorobenzene	7.799	146	1449301	36.336	ng	100
13) 1,4-Dichlorobenzene	7.946	146	1470709	36.205	ng	100
14) 1,2-Dichlorobenzene	8.263	146	1434623	37.210	ng	100
15) Benzyl Alcohol	8.157	79	1319611	47.900	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.446	45	2173403	43.846	ng	100
17) 2-Methylphenol	8.357	107	1299941	46.265	ng	100
18) Hexachloroethane	8.993	117	519665	37.776	ng	100
19) n-Nitroso-di-n-propyla...	8.722	70	1222954	49.583	ng	100
20) 3+4-Methylphenols	8.687	107	1807815	47.325	ng	100
22) Acetophenone	8.740	105	2261644	40.658	ng	100
24) Nitrobenzene	9.122	77	1721748	40.515	ng	100
25) Isophorone	9.651	82	3405914	49.181	ng	100
26) 2-Nitrophenol	9.834	139	867257	44.583	ng	100
27) 2,4-Dimethylphenol	9.893	122	1409645	48.106	ng	100
28) bis(2-Chloroethoxy)met...	10.128	93	2008761	45.235	ng	100
29) 2,4-Dichlorophenol	10.369	162	1484718	41.054	ng	100
30) 1,2,4-Trichlorobenzene	10.587	180	1534905	35.959	ng	100
31) Naphthalene	10.775	128	4650490	37.995	ng	100
32) Benzoic acid	10.051	122	1233240	53.341	ng	100
33) 4-Chloroaniline	10.887	127	2150805	47.117	ng	100
34) Hexachlorobutadiene	11.051	225	966606	35.498	ng	100
35) Caprolactam	11.698	113	522077	55.912	ng	100
36) 4-Chloro-3-methylphenol	12.016	107	1606871	47.570	ng	100
37) 2-Methylnaphthalene	12.381	142	3493585	42.442	ng	100
38) 1-Methylnaphthalene	12.598	142	3287010	41.006	ng	100
40) 1,2,4,5-Tetrachloroben...	12.751	216	1943447	36.640	ng	100
41) Hexachlorocyclopentadiene	12.722	237	1068458	39.950	ng	100
43) 2,4,6-Trichlorophenol	12.992	196	1335827	39.938	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.063	196	1574244	43.563	ng	100
46) 1,1'-Biphenyl	13.392	154	4462426	37.959	ng	100
47) 2-Chloronaphthalene	13.434	162	3407739	36.472	ng	100
48) 2-Nitroaniline	13.645	65	1149381	49.721	ng	100
49) Acenaphthylene	14.281	152	5636553	41.010	ng	100
50) Dimethylphthalate	14.016	163	4645024	42.713	ng	100
51) 2,6-Dinitrotoluene	14.139	165	1032723	46.406	ng	100
52) Acenaphthene	14.622	154	3329344	38.965	ng	100
53) 3-Nitroaniline	14.475	138	1120371	49.374	ng	100
54) 2,4-Dinitrophenol	14.681	184	706684	53.301	ng	100
55) Dibenzofuran	14.957	168	5497664	40.206	ng	100
56) 4-Nitrophenol	14.781	139	907579	48.802	ng	100
57) 2,4-Dinitrotoluene	14.934	165	1431121	51.447	ng	100
58) Fluorene	15.610	166	4383212	41.416	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.186	232	1352774	43.793	ng	100
60) Diethylphthalate	15.381	149	4572071	45.732	ng	100
61) 4-Chlorophenyl-phenyle...	15.598	204	2321611	42.387	ng	100
62) 4-Nitroaniline	15.639	138	1163620	54.943	ng	100
63) Azobenzene	15.892	77	4219124	45.410	ng	100
65) 4,6-Dinitro-2-methylph...	15.698	198	959696	44.424	ng	100
66) n-Nitrosodiphenylamine	15.822	169	3931438	37.444	ng	100
67) 4-Bromophenyl-phenylether	16.498	248	1537359	38.662	ng	100
68) Hexachlorobenzene	16.616	284	1668794	35.842	ng	100
69) Atrazine	16.775	200	1432018	48.611	ng	100
70) Pentachlorophenol	16.963	266	1274060	46.466	ng	100
71) Phenanthrene	17.363	178	7073937	36.968	ng	100
72) Anthracene	17.451	178	7222715	40.206	ng	100
73) Carbazole	17.727	167	6592841	41.863	ng	100
74) Di-n-butylphthalate	18.263	149	7882051	45.503	ng	100
75) Fluoranthene	19.327	202	8644962	41.973	ng	100
77) Benzidine	19.504	184	4179398	87.960	ng	100
78) Pyrene	19.680	202	8956800	37.264	ng	100
80) Butylbenzylphthalate	20.545	149	3810191	48.894	ng	100
81) Benzo(a)anthracene	21.392	228	9146267	40.002	ng	100
82) 3,3'-Dichlorobenzidine	21.321	252	3342270	49.089	ng	100
83) Chrysene	21.445	228	8633929	38.712	ng	100
84) Bis(2-ethylhexyl)phtha...	21.298	149	5474774	51.650	ng	100
85) Di-n-octyl phthalate	22.239	149	9646910	54.191	ng	100
87) Indeno(1,2,3-cd)pyrene	26.451	276	11831775	35.391	ng	100
88) Benzo(b)fluoranthene	23.121	252	9349470	35.490	ng	100
89) Benzo(k)fluoranthene	23.168	252	9558152	35.866	ng	100
90) Benzo(a)pyrene	23.762	252	9386064	42.456	ng	100
91) Dibenzo(a,h)anthracene	26.462	278	9886084	35.582	ng	100
92) Benzo(g,h,i)perylene	27.239	276	9695431	35.219	ng	100

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

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