Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013024\
Data File : BP019485.D
Acq On : 30 Jan 2024 17:02
Operator : MA/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 31 01:43:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 31 01:31:40 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 01/31/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	58714	20.000	ng	0.00
21) Naphthalene-d8	10.722	136	226655	20.000	ng	0.00
39) Acenaphthene-d10	14.551	164	149347	20.000	ng	0.00
64) Phenanthrene-d10	17.304	188	354240	20.000	ng	0.00
76) Chrysene-d12	21.398	240	363199	20.000	ng	0.00
86) Perylene-d12	23.816	264	416972	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	291087	75.499	ng	0.00
7) Phenol-d6	7.087	99	398673	75.365	ng	0.00
23) Nitrobenzene-d5	9.087	82	434816	77.439	ng	0.00
42) 2,4,6-Tribromophenol	16.045	330	166151	79.996	ng	0.00
45) 2-Fluorobiphenyl	13.181	172	887841	75.134	ng	0.00
79) Terphenyl-d14	19.875	244	1647211	71.808	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.387	88	55296	37.566	ng	100
3) Pyridine	3.787	79	164466m	39.009	ng	
4) n-Nitrosodimethylamine	3.711	42	88588	38.250	ng	100
6) Aniline	7.252	93	201259	38.475	ng	100
8) 2-Chlorophenol	7.481	128	146549	37.089	ng	100
9) Benzaldehyde	7.063	77	104434	39.254	ng	100
10) Phenol	7.111	94	199016	37.646	ng	100
11) bis(2-Chloroethyl)ether	7.352	93	148558	37.625	ng	100
12) 1,3-Dichlorobenzene	7.805	146	170969	36.750	ng	100
13) 1,4-Dichlorobenzene	7.952	146	175414	37.338	ng	100
14) 1,2-Dichlorobenzene	8.269	146	167860	36.923	ng	100
15) Benzyl Alcohol	8.163	79	171050	37.924	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.457	45	188167	36.603	ng	100
17) 2-Methylphenol	8.363	107	133930	37.547	ng	100
18) Hexachloroethane	8.987	117	69767	36.865	ng	100
19) n-Nitroso-di-n-propyla...	8.734	70	139246	37.453	ng	100
20) 3+4-Methylphenols	8.693	107	186038	37.822	ng	100
22) Acetophenone	8.752	105	258713	37.809	ng	100
24) Nitrobenzene	9.128	77	218257	38.427	ng	100
25) Isophorone	9.652	82	384974	38.786	ng	100
26) 2-Nitrophenol	9.834	139	80100	38.993	ng	100
27) 2,4-Dimethylphenol	9.899	122	102108	38.094	ng	100
28) bis(2-Chloroethoxy)met...	10.146	93	200174	37.875	ng	100
29) 2,4-Dichlorophenol	10.369	162	148988	38.503	ng	100
30) 1,2,4-Trichlorobenzene	10.581	180	171248	37.625	ng	100
31) Naphthalene	10.769	128	479609	37.912	ng	100
32) Benzoic acid	10.034	122	111847	40.683	ng	100
33) 4-Chloroaniline	10.887	127	191405	39.389	ng	100
34) Hexachlorobutadiene	11.046	225	119832	36.568	ng	100
35) Caprolactam	11.675	113	54349	41.246	ng	100
36) 4-Chloro-3-methylphenol	12.004	107	187693	39.640	ng	100
37) 2-Methylnaphthalene	12.381	142	335626	38.310	ng	100
38) 1-Methylnaphthalene	12.598	142	329771	38.258	ng	100
40) 1,2,4,5-Tetrachloroben...	12.740	216	197304	37.468	ng	100
41) Hexachlorocyclopentadiene	12.710	237	87142	37.030	ng	100
43) 2,4,6-Trichlorophenol	12.987	196	131461	38.662	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.051	196	147130	38.908	ng	100
46) 1,1'-Biphenyl	13.393	154	445668	37.694	ng	100
47) 2-Chloronaphthalene	13.428	162	364529	38.154	ng	100
48) 2-Nitroaniline	13.640	65	137209	40.816	ng	100
49) Acenaphthylene	14.275	152	539546	38.502	ng	100
50) Dimethylphthalate	14.022	163	471381	39.255	ng	100
51) 2,6-Dinitrotoluene	14.140	165	105993	39.815	ng	100
52) Acenaphthene	14.616	154	335403	38.645	ng	100
53) 3-Nitroaniline	14.469	138	105554	41.063	ng	100
54) 2,4-Dinitrophenol	14.675	184	58407	41.866	ng	100
55) Dibenzofuran	14.951	168	542846	38.444	ng	100
56) 4-Nitrophenol	14.769	139	92261	42.518	ng	100
57) 2,4-Dinitrotoluene	14.928	165	152425	41.618	ng	100
58) Fluorene	15.604	166	452645	39.246	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.175	232	126334	39.234	ng	100
60) Diethylphthalate	15.392	149	493887	39.655	ng	100
61) 4-Chlorophenyl-phenyle...	15.604	204	241907	39.124	ng	100
62) 4-Nitroaniline	15.628	138	117193	41.974	ng	100
63) Azobenzene	15.898	77	494819	39.436	ng	100
65) 4,6-Dinitro-2-methylph...	15.687	198	83374	39.978	ng	100
66) n-Nitrosodiphenylamine	15.816	169	389895	37.237	ng	100
67) 4-Bromophenyl-phenylether	16.498	248	149415	36.683	ng	100
68) Hexachlorobenzene	16.598	284	169422	36.907	ng	100
69) Atrazine	16.781	200	144385	38.532	ng	100
70) Pentachlorophenol	16.951	266	122032	39.222	ng	100
71) Phenanthrene	17.351	178	717225	38.304	ng	100
72) Anthracene	17.439	178	724500	38.444	ng	100
73) Carbazole	17.716	167	700309	39.138	ng	100
74) Di-n-butylphthalate	18.281	149	855890	38.725	ng	100
75) Fluoranthene	19.316	202	948198	39.570	ng	100
77) Benzidine	19.504	184	310158	38.669	ng	100
78) Pyrene	19.669	202	987269	35.976	ng	100
80) Butylbenzylphthalate	20.563	149	409071	37.111	ng	100
81) Benzo(a)anthracene	21.380	228	989104	37.939	ng	100
82) 3,3'-Dichlorobenzidine	21.322	252	360767	38.452	ng	100
83) Chrysene	21.439	228	929123	37.903	ng	100
84) Bis(2-ethylhexyl)phtha...	21.327	149	605677	37.795	ng	100
85) Di-n-octyl phthalate	22.280	149	1056971	39.513	ng	100
87) Indeno(1,2,3-cd)pyrene	26.357	276	1168296	38.397	ng	100
88) Benzo(b)fluoranthene	23.080	252	1039751	38.630	ng	100
89) Benzo(k)fluoranthene	23.133	252	960857	37.517	ng	100
90) Benzo(a)pyrene	23.716	252	905244	38.271	ng	100
91) Dibenzo(a,h)anthracene	26.386	278	968292	38.711	ng	100
92) Benzo(g,h,i)perylene	27.139	276	974786	38.383	ng	100

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

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