Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020924\
Data File : BP019632.D
Acq On : 09 Feb 2024 15:03
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Quant Time: Feb 09 15:31:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 01 00:51:48 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	100098	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	361622	20.000	ng	0.00
39) Acenaphthene-d10	14.545	164	224075	20.000	ng	0.00
64) Phenanthrene-d10	17.304	188	505228	20.000	ng	0.00
76) Chrysene-d12	21.392	240	515939	20.000	ng	0.00
86) Perylene-d12	23.815	264	601034	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	470509	75.768	ng	0.00
7) Phenol-d6	7.081	99	634014	75.720	ng	0.00
23) Nitrobenzene-d5	9.081	82	650696	77.970	ng	0.00
42) 2,4,6-Tribromophenol	16.039	330	295919	90.449	ng	0.00
45) 2-Fluorobiphenyl	13.175	172	1411374	77.866	ng	0.00
79) Terphenyl-d14	19.869	244	2481928	79.111	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.387	88	85911	35.908	ng	98
3) Pyridine	3.781	79	235015	36.232	ng	98
4) n-Nitrosodimethylamine	3.705	42	103897	36.790	ng	93
6) Aniline	7.246	93	301507	37.058	ng	99
8) 2-Chlorophenol	7.475	128	245018	38.431	ng	98
9) Benzaldehyde	7.058	77	250755m	42.715	ng	
10) Phenol	7.110	94	313450	37.560	ng	99
11) bis(2-Chloroethyl)ether	7.346	93	241320	37.168	ng	99
12) 1,3-Dichlorobenzene	7.799	146	299689	38.416	ng	98
13) 1,4-Dichlorobenzene	7.946	146	307118	38.858	ng	99
14) 1,2-Dichlorobenzene	8.257	146	289849	37.903	ng	99
15) Benzyl Alcohol	8.157	79	244194	36.500	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.440	45	234812m	36.166	ng	
17) 2-Methylphenol	8.357	107	207368	36.909	ng	99
18) Hexachloroethane	8.981	117	118745	38.761	ng	98
19) n-Nitroso-di-n-propyla...	8.728	70	201665	35.261	ng	98
20) 3+4-Methylphenols	8.693	107	284262	37.072	ng	97
22) Acetophenone	8.740	105	391394	37.992	ng	98
24) Nitrobenzene	9.122	77	320314	38.121	ng	98
25) Isophorone	9.646	82	545569	37.537	ng	99
26) 2-Nitrophenol	9.828	139	136502	42.605	ng	97
27) 2,4-Dimethylphenol	9.893	122	156053	38.092	ng	97
28) bis(2-Chloroethoxy)met...	10.140	93	313583	38.134	ng	99
29) 2,4-Dichlorophenol	10.363	162	246692	39.835	ng	98
30) 1,2,4-Trichlorobenzene	10.575	180	303420	39.959	ng	99
31) Naphthalene	10.763	128	760322	38.335	ng	100
32) Benzoic acid	10.040	122	167202	41.889	ng	97
33) 4-Chloroaniline	10.881	127	279810	38.149	ng	98
34) Hexachlorobutadiene	11.034	225	231867	41.207	ng	98
35) Caprolactam	11.675	113	70135	40.005	ng	97
36) 4-Chloro-3-methylphenol	12.004	107	266806	39.511	ng	98
37) 2-Methylnaphthalene	12.369	142	523376	38.131	ng	99
38) 1-Methylnaphthalene	12.593	142	512702	38.011	ng	100
40) 1,2,4,5-Tetrachloroben...	12.734	216	347042	40.159	ng	99
41) Hexachlorocyclopentadiene	12.704	237	178668	45.767	ng	99
43) 2,4,6-Trichlorophenol	12.981	196	214508	40.993	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.051	196	236561	41.170	ng	97
46) 1,1'-Biphenyl	13.387	154	687790	38.458	ng	99
47) 2-Chloronaphthalene	13.422	162	567179	38.634	ng	99
48) 2-Nitroaniline	13.634	65	167200	40.730	ng	99
49) Acenaphthylene	14.269	152	796688	38.681	ng	100
50) Dimethylphthalate	14.016	163	687944	40.105	ng	99
51) 2,6-Dinitrotoluene	14.140	165	155223	41.187	ng	95
52) Acenaphthene	14.610	154	501864	39.259	ng	98
53) 3-Nitroaniline	14.463	138	145473	42.002	ng	98
54) 2,4-Dinitrophenol	14.675	184	88881	45.422	ng	94
55) Dibenzofuran	14.945	168	812079	39.004	ng	100
56) 4-Nitrophenol	14.769	139	123326	43.443	ng	99
57) 2,4-Dinitrotoluene	14.922	165	219643	44.473	ng	97
58) Fluorene	15.598	166	655986	39.558	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.169	232	208821	43.206	ng	96
60) Diethylphthalate	15.381	149	698607	40.945	ng	99
61) 4-Chlorophenyl-phenyle...	15.598	204	376950	40.443	ng	96
62) 4-Nitroaniline	15.628	138	155038	42.706	ng	99
63) Azobenzene	15.886	77	641185	38.862	ng	98
65) 4,6-Dinitro-2-methylph...	15.686	198	126838	44.028	ng	92
66) n-Nitrosodiphenylamine	15.816	169	563084	37.214	ng	98
67) 4-Bromophenyl-phenylether	16.492	248	195095	30.889	ng	98
68) Hexachlorobenzene	16.592	284	285627	38.726	ng	97
69) Atrazine	16.775	200	195907	39.018	ng	96
70) Pentachlorophenol	16.945	266	199167	43.362	ng	98
71) Phenanthrene	17.345	178	1017255	38.259	ng	98
72) Anthracene	17.439	178	1022740	38.560	ng	100
73) Carbazole	17.710	167	963927	40.005	ng	100
74) Di-n-butylphthalate	18.269	149	1197496	41.103	ng	99
75) Fluoranthene	19.310	202	1344352	41.389	ng	100
77) Benzidine	19.498	184	409088	37.926	ng	98
78) Pyrene	19.663	202	1398906	38.418	ng	100
80) Butylbenzylphthalate	20.551	149	555541	40.854	ng	100
81) Benzo(a)anthracene	21.380	228	1397116	38.469	ng	99
82) 3,3'-Dichlorobenzidine	21.316	252	508292	38.407	ng	99
83) Chrysene	21.433	228	1306498	37.890	ng	99
84) Bis(2-ethylhexyl)phtha...	21.321	149	808010	39.022	ng	100
85) Di-n-octyl phthalate	22.263	149	1398985	38.400	ng	100
87) Indeno(1,2,3-cd)pyrene	26.357	276	1721886	37.427	ng	99
88) Benzo(b)fluoranthene	23.074	252	1475786	38.959	ng	99
89) Benzo(k)fluoranthene	23.127	252	1377616	38.072	ng	99
90) Benzo(a)pyrene	23.710	252	1302200	38.635	ng	99
91) Dibenzo(a,h)anthracene	26.380	278	1435069	37.926	ng	97
92) Benzo(g,h,i)perylene	27.139	276	1428683	37.217	ng	99

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

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