Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020224\
Data File : BP019518.D
Acq On : 02 Feb 2024 09:13
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Feb 02 10:21:32 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	88773	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	351814	20.000	ng	0.00
39) Acenaphthene-d10	14.545	164	207430	20.000	ng	0.00
64) Phenanthrene-d10	17.304	188	389462	20.000	ng	0.00
76) Chrysene-d12	21.392	240	358168	20.000	ng	0.00
86) Perylene-d12	23.815	264	468194	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	438197	79.567	ng	0.00
7) Phenol-d6	7.081	99	608056	81.884	ng	0.00
23) Nitrobenzene-d5	9.081	82	641436	79.003	ng	0.00
42) 2,4,6-Tribromophenol	16.039	330	227955	75.267	ng	0.00
45) 2-Fluorobiphenyl	13.175	172	1363440	81.257	ng	0.00
79) Terphenyl-d14	19.869	244	1660897	76.261	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.381	88	84390	39.772	ng	98
3) Pyridine	3.781	79	216445	37.626	ng	98
4) n-Nitrosodimethylamine	3.705	42	104347	41.663	ng	97
6) Aniline	7.246	93	298091	41.313	ng	99
8) 2-Chlorophenol	7.475	128	228515	40.415	ng	99
9) Benzaldehyde	7.058	77	178558	34.296	ng	99
10) Phenol	7.105	94	303427	40.997	ng	98
11) bis(2-Chloroethyl)ether	7.346	93	235920	40.972	ng	98
12) 1,3-Dichlorobenzene	7.793	146	277090	40.050	ng	99
13) 1,4-Dichlorobenzene	7.946	146	281106	40.104	ng	97
14) 1,2-Dichlorobenzene	8.257	146	269212	39.695	ng	99
15) Benzyl Alcohol	8.157	79	242298	40.837	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.446	45	243594	42.305	ng	99
17) 2-Methylphenol	8.357	107	203777	40.896	ng	97
18) Hexachloroethane	8.981	117	108451	39.917	ng	98
19) n-Nitroso-di-n-propyla...	8.728	70	204477	40.313	ng	99
20) 3+4-Methylphenols	8.687	107	282056	41.477	ng	98
22) Acetophenone	8.740	105	394410	39.352	ng	100
24) Nitrobenzene	9.122	77	322170	39.410	ng	98
25) Isophorone	9.646	82	548781	38.811	ng	98
26) 2-Nitrophenol	9.828	139	124827	40.048	ng	96
27) 2,4-Dimethylphenol	9.893	122	156789	39.338	ng	100
28) bis(2-Chloroethoxy)met...	10.140	93	316745	39.592	ng	99
29) 2,4-Dichlorophenol	10.357	162	236368	39.232	ng	99
30) 1,2,4-Trichlorobenzene	10.575	180	288167	39.008	ng	99
31) Naphthalene	10.763	128	755217	39.140	ng	100
32) Benzoic acid	10.028	122	149520	38.504	ng	94
33) 4-Chloroaniline	10.881	127	277132	38.837	ng	98
34) Hexachlorobutadiene	11.040	225	216370	39.525	ng	99
35) Caprolactam	11.669	113	60104	35.239	ng	96
36) 4-Chloro-3-methylphenol	11.998	107	251316	38.255	ng	96
37) 2-Methylnaphthalene	12.375	142	519050	38.870	ng	99
38) 1-Methylnaphthalene	12.592	142	509887	38.856	ng	99
40) 1,2,4,5-Tetrachloroben...	12.734	216	324449	40.557	ng	100
41) Hexachlorocyclopentadiene	12.704	237	152322	42.149	ng	98
43) 2,4,6-Trichlorophenol	12.981	196	198645	41.008	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.045	196	215496	40.513	ng	99
46) 1,1'-Biphenyl	13.387	154	670777	40.516	ng	99
47) 2-Chloronaphthalene	13.422	162	550787	40.528	ng	98
48) 2-Nitroaniline	13.634	65	150028	39.480	ng	99
49) Acenaphthylene	14.269	152	757399	39.724	ng	99
50) Dimethylphthalate	14.022	163	601764	37.896	ng	99
51) 2,6-Dinitrotoluene	14.139	165	136020	38.988	ng	95
52) Acenaphthene	14.610	154	468104	39.557	ng	97
53) 3-Nitroaniline	14.463	138	120336	37.532	ng	93
54) 2,4-Dinitrophenol	14.669	184	64889	35.822	ng	97
55) Dibenzofuran	14.945	168	755629	39.205	ng	99
56) 4-Nitrophenol	14.763	139	95749	36.435	ng	97
57) 2,4-Dinitrotoluene	14.922	165	173324	37.911	ng	99
58) Fluorene	15.598	166	595424	38.787	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.169	232	171729	38.383	ng	100
60) Diethylphthalate	15.386	149	578641	36.636	ng	99
61) 4-Chlorophenyl-phenyle...	15.598	204	333963	38.706	ng	98
62) 4-Nitroaniline	15.628	138	121987	36.298	ng	99
63) Azobenzene	15.892	77	577267	37.795	ng	98
65) 4,6-Dinitro-2-methylph...	15.681	198	90129	40.585	ng	95
66) n-Nitrosodiphenylamine	15.816	169	482206	41.342	ng	100
67) 4-Bromophenyl-phenylether	16.498	248	199289	40.932	ng	98
68) Hexachlorobenzene	16.592	284	229207	40.314	ng	98
69) Atrazine	16.775	200	152179	39.318	ng	98
70) Pentachlorophenol	16.945	266	144264	40.745	ng	99
71) Phenanthrene	17.345	178	817508	39.886	ng	98
72) Anthracene	17.433	178	815734	39.897	ng	99
73) Carbazole	17.710	167	717012	38.603	ng	99
74) Di-n-butylphthalate	18.275	149	835785	37.215	ng	100
75) Fluoranthene	19.310	202	953347	38.076	ng	100
77) Benzidine	19.504	184	361874	48.327	ng	99
78) Pyrene	19.663	202	973313	38.504	ng	99
80) Butylbenzylphthalate	20.557	149	348018	36.867	ng	100
81) Benzo(a)anthracene	21.380	228	992415	39.362	ng	99
82) 3,3'-Dichlorobenzidine	21.316	252	367310	39.980	ng	99
83) Chrysene	21.433	228	945339	39.493	ng	99
84) Bis(2-ethylhexyl)phtha...	21.327	149	526324	36.615	ng	99
85) Di-n-octyl phthalate	22.274	149	950872	37.597	ng	100
87) Indeno(1,2,3-cd)pyrene	26.339	276	1438902	40.150	ng	100
88) Benzo(b)fluoranthene	23.080	252	1167996	39.582	ng	99
89) Benzo(k)fluoranthene	23.127	252	1071854	38.026	ng	99
90) Benzo(a)pyrene	23.704	252	1036162	39.465	ng	99
91) Dibenzo(a,h)anthracene	26.374	278	1162298	39.433	ng	98
92) Benzo(g,h,i)perylene	27.121	276	1196928	40.027	ng	98

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

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