Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020924\
Data File : BP019631.D
Acq On : 09 Feb 2024 14:29
Operator : MA/JU
Sample : P1378-03MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-5MSD

Quant Time: Feb 09 14:59:48 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	94251	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	345962	20.000	ng	0.00
39) Acenaphthene-d10	14.545	164	206386	20.000	ng	0.00
64) Phenanthrene-d10	17.304	188	396497	20.000	ng	0.00
76) Chrysene-d12	21.392	240	297066	20.000	ng	0.00
86) Perylene-d12	23.815	264	383822	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	621174	106.236	ng	0.00
7) Phenol-d6	7.087	99	815864	103.483	ng	0.00
23) Nitrobenzene-d5	9.081	82	550711	68.976	ng	0.00
42) 2,4,6-Tribromophenol	16.039	330	334502	111.005	ng	0.00
45) 2-Fluorobiphenyl	13.175	172	1147984	68.763	ng	0.00
79) Terphenyl-d14	19.869	244	1348900	74.674	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.387	88	87311	38.757	ng	99
3) Pyridine	3.781	79	234031	38.318	ng	97
4) n-Nitrosodimethylamine	3.705	42	123448	46.425	ng	99
6) Aniline	7.240	93	291087	37.997	ng	99
8) 2-Chlorophenol	7.475	128	297497	49.558	ng	98
9) Benzaldehyde	7.058	77	87503m	15.830	ng	
10) Phenol	7.110	94	389255	49.537	ng	99
11) bis(2-Chloroethyl)ether	7.346	93	282565	46.221	ng	99
12) 1,3-Dichlorobenzene	7.799	146	331830	45.175	ng	97
13) 1,4-Dichlorobenzene	7.946	146	339162	45.574	ng	99
14) 1,2-Dichlorobenzene	8.257	146	322271	44.757	ng	100
15) Benzyl Alcohol	8.157	79	304901	48.401	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.434	45	271843	44.467	ng	100
17) 2-Methylphenol	8.357	107	253605	47.938	ng	99
18) Hexachloroethane	8.981	117	129208	44.793	ng	98
19) n-Nitroso-di-n-propyla...	8.728	70	234759	43.594	ng	99
20) 3+4-Methylphenols	8.693	107	342274	47.407	ng	98
22) Acetophenone	8.740	105	469162	47.602	ng	98
24) Nitrobenzene	9.122	77	356610	44.361	ng	100
25) Isophorone	9.646	82	625224	44.965	ng	99
26) 2-Nitrophenol	9.828	139	161242	52.605	ng	99
27) 2,4-Dimethylphenol	9.893	122	200950	51.271	ng	99
28) bis(2-Chloroethoxy)met...	10.134	93	365850	46.503	ng	99
29) 2,4-Dichlorophenol	10.363	162	298737	50.422	ng	98
30) 1,2,4-Trichlorobenzene	10.575	180	336794	46.362	ng	98
31) Naphthalene	10.763	128	872222	45.968	ng	99
32) Benzoic acid	10.046	122	201254	52.703	ng	97
33) 4-Chloroaniline	10.881	127	99238	14.142	ng	98
34) Hexachlorobutadiene	11.034	225	244590	45.436	ng	99
35) Caprolactam	11.681	113	77292	46.083	ng	99
36) 4-Chloro-3-methylphenol	12.004	107	308125	47.696	ng	98
37) 2-Methylnaphthalene	12.369	142	600730	45.748	ng	100
38) 1-Methylnaphthalene	12.587	142	566492	43.900	ng	100
40) 1,2,4,5-Tetrachloroben...	12.734	216	404874	50.866	ng	99
41) Hexachlorocyclopentadiene	12.704	237	475500	132.241	ng	98
43) 2,4,6-Trichlorophenol	12.981	196	248811	51.624	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.051	196	264383	49.955	ng	97
46) 1,1'-Biphenyl	13.387	154	795291	48.280	ng	98
47) 2-Chloronaphthalene	13.422	162	633829	46.874	ng	98
48) 2-Nitroaniline	13.634	65	184214	48.721	ng	97
49) Acenaphthylene	14.269	152	975629	51.428	ng	100
50) Dimethylphthalate	14.016	163	740458	46.866	ng	99
51) 2,6-Dinitrotoluene	14.140	165	162080	46.692	ng	94
52) Acenaphthene	14.610	154	550775	46.778	ng	99
53) 3-Nitroaniline	14.463	138	105717	33.139	ng	96
54) 2,4-Dinitrophenol	14.675	184	180002	99.873	ng	97
55) Dibenzofuran	14.945	168	920171	47.984	ng	99
56) 4-Nitrophenol	14.775	139	242455	92.727	ng	98
57) 2,4-Dinitrotoluene	14.922	165	219083	48.162	ng	97
58) Fluorene	15.598	166	704274	46.110	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.169	232	227019	50.997	ng	97
60) Diethylphthalate	15.381	149	698230	44.431	ng	99
61) 4-Chlorophenyl-phenyle...	15.598	204	400086	46.605	ng	95
62) 4-Nitroaniline	15.628	138	140551	42.033	ng	97
63) Azobenzene	15.892	77	677310	44.570	ng	96
65) 4,6-Dinitro-2-methylph...	15.686	198	114265	50.541	ng	94
66) n-Nitrosodiphenylamine	15.816	169	597386	50.308	ng	99
67) 4-Bromophenyl-phenylether	16.492	248	239644	48.348	ng	98
68) Hexachlorobenzene	16.592	284	284565	49.162	ng	97
69) Atrazine	16.775	200	217333	55.155	ng	97
70) Pentachlorophenol	16.945	266	344760	95.644	ng	98
71) Phenanthrene	17.345	178	1047954	50.222	ng	99
72) Anthracene	17.433	178	1024015	49.195	ng	99
73) Carbazole	17.710	167	866112	45.803	ng	100
74) Di-n-butylphthalate	18.269	149	1022380	44.715	ng	100
75) Fluoranthene	19.310	202	1170485	45.919	ng	100
77) Benzidine	19.498	184	384482	61.907	ng	99
78) Pyrene	19.663	202	1175330	56.060	ng	99
80) Butylbenzylphthalate	20.551	149	402933	51.463	ng	98
81) Benzo(a)anthracene	21.380	228	1068305	51.088	ng	100
82) 3,3'-Dichlorobenzidine	21.316	252	323763	42.488	ng	98
83) Chrysene	21.433	228	983007	49.513	ng	99
84) Bis(2-ethylhexyl)phtha...	21.321	149	540957	45.373	ng	99
85) Di-n-octyl phthalate	22.263	149	918828	43.803	ng	100
87) Indeno(1,2,3-cd)pyrene	26.357	276	1601035	54.494	ng	98
88) Benzo(b)fluoranthene	23.074	252	1166241	48.211	ng	99
89) Benzo(k)fluoranthene	23.127	252	1060374	45.889	ng	100
90) Benzo(a)pyrene	23.710	252	1084317	50.377	ng	99
91) Dibenzo(a,h)anthracene	26.380	278	1285631	53.205	ng	98
92) Benzo(g,h,i)perylene	27.139	276	1294329	52.798	ng	99

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

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