Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012722\
Data File : BP008954.D
Acq On : 27 Jan 2022 19:44
Operator : CG/JU
Sample : N1272-02MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ETGI-348MSD

Quant Time: Jan 28 02:19:44 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 26 01:52:51 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.828	152	235715	20.000	ng		-0.01
21) Naphthalene-d8	10.628	136	890678	20.000	ng		-0.01
39) Acenaphthene-d10	14.469	164	563396	20.000	ng		-0.01
64) Phenanthrene-d10	17.228	188	1165210	20.000	ng		-0.01
76) Chrysene-d12	21.322	240	1250048	20.000	ng		-0.01
86) Perylene-d12	23.727	264	1344226	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.417	112	1513207	99.274	ng		-0.01
7) Phenol-d6	7.011	99	1883857	102.062	ng		-0.01
23) Nitrobenzene-d5	8.987	82	1156101	73.692	ng		-0.01
42) 2,4,6-Tribromophenol	15.969	330	888274	108.315	ng		-0.01
45) 2-Fluorobiphenyl	13.093	172	2907394	68.053	ng		-0.01
79) Terphenyl-d14	19.786	244	4437287	59.917	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.328	88	229924	37.267	ng		96
3) Pyridine	3.723	79	581532	45.004	ng		96
4) n-Nitrosodimethylamine	3.634	42	277221	45.728	ng	#	84
6) Aniline	7.158	93	484132	21.015	ng		97
8) 2-Chlorophenol	7.399	128	769887	47.425	ng		99
9) Benzaldehyde	6.969	77	479824	38.894	ng		98
10) Phenol	7.040	94	936403	49.762	ng		96
11) bis(2-Chloroethyl)ether	7.252	93	669908	44.744	ng		97
12) 1,3-Dichlorobenzene	7.716	146	850715	44.005	ng		98
13) 1,4-Dichlorobenzene	7.864	146	862427	44.017	ng		99
14) 1,2-Dichlorobenzene	8.181	146	826344	44.231	ng		98
15) Benzyl Alcohol	8.075	79	614134	47.426	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.364	45	732782	43.766	ng		99
17) 2-Methylphenol	8.287	107	598332	47.461	ng		98
18) Hexachloroethane	8.905	117	293112	44.076	ng		99
19) n-Nitroso-di-n-propyla...	8.640	70	494162	45.799	ng		95
20) 3+4-Methylphenols	8.616	107	804945	48.097	ng		96
22) Acetophenone	8.652	105	1039980	45.836	ng	#	96
24) Nitrobenzene	9.034	77	755109	47.651	ng		98
25) Isophorone	9.563	82	1366744	48.207	ng		98
26) 2-Nitrophenol	9.746	139	408044	48.979	ng		94
27) 2,4-Dimethylphenol	9.816	122	680389	47.899	ng		98
28) bis(2-Chloroethoxy)met...	10.040	93	849498	45.917	ng		100
29) 2,4-Dichlorophenol	10.287	162	746342	48.149	ng		99
30) 1,2,4-Trichlorobenzene	10.493	180	820101	45.167	ng		100
31) Naphthalene	10.681	128	2232790	46.155	ng		100
32) Benzoic acid	9.999	122	520731	63.879	ng		97
33) 4-Chloroaniline	10.799	127	222597	11.291	ng		99
34) Hexachlorobutadiene	10.969	225	502546	44.299	ng		99
35) Caprolactam	11.593	113	218582	51.153	ng		92
36) 4-Chloro-3-methylphenol	11.934	107	698663	49.961	ng		99
37) 2-Methylnaphthalene	12.293	142	1603429	45.340	ng		98
38) 1-Methylnaphthalene	12.510	142	1521408	46.869	ng		100
40) 1,2,4,5-Tetrachloroben...	12.663	216	927655	45.159	ng		99
41) Hexachlorocyclopentadiene	12.640	237	694866	66.108	ng		99
43) 2,4,6-Trichlorophenol	12.910	196	615130	48.432	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.987	196	675508	49.416	ng		98
46) 1,1'-Biphenyl	13.304	154	2099828	45.810	ng		100
47) 2-Chloronaphthalene	13.346	162	1649788	46.678	ng		98
48) 2-Nitroaniline	13.551	65	408743	52.084	ng		94
49) Acenaphthylene	14.193	152	2640852	49.455	ng		100
50) Dimethylphthalate	13.934	163	1981075	47.346	ng		100
51) 2,6-Dinitrotoluene	14.051	165	443524	49.979	ng		92
52) Acenaphthene	14.534	154	1515053	47.837	ng		99
53) 3-Nitroaniline	14.381	138	214885	24.622	ng		95
54) 2,4-Dinitrophenol	14.598	184	402461	112.138	ng		94
55) Dibenzofuran	14.869	168	2464470	47.754	ng		98
56) 4-Nitrophenol	14.710	139	767860	122.180	ng		91
57) 2,4-Dinitrotoluene	14.845	165	609268	53.376	ng		92
58) Fluorene	15.522	166	1987861	48.767	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.104	232	574734	51.040	ng	#	87
60) Diethylphthalate	15.298	149	1922719	48.429	ng		98
61) 4-Chlorophenyl-phenyle...	15.516	204	1055803	47.548	ng		98
62) 4-Nitroaniline	15.551	138	411003	48.625	ng		89
63) Azobenzene	15.810	77	1642421	49.828	ng		95
65) 4,6-Dinitro-2-methylph...	15.616	198	264924	45.508	ng		94
66) n-Nitrosodiphenylamine	15.734	169	1733969	46.237	ng		100
67) 4-Bromophenyl-phenylether	16.416	248	663297	45.588	ng		100
68) Hexachlorobenzene	16.534	284	759701	45.565	ng		96
69) Atrazine	16.692	200	656133	47.082	ng		99
70) Pentachlorophenol	16.887	266	981918	110.563	ng		99
71) Phenanthrene	17.269	178	3223380	49.133	ng		99
72) Anthracene	17.363	178	3222284	48.961	ng		99
73) Carbazole	17.634	167	2941993	51.989	ng		99
74) Di-n-butylphthalate	18.186	149	3354993	49.265	ng		99
75) Fluoranthene	19.239	202	4148691	56.865	ng		97
77) Benzidine	19.422	184	2047590	46.366	ng		98
78) Pyrene	19.592	202	4216358	48.340	ng		99
80) Butylbenzylphthalate	20.463	149	1582057	45.099	ng		97
81) Benzo(a)anthracene	21.304	228	4217732	50.153	ng		99
82) 3,3'-Dichlorobenzidine	21.233	252	1266889	34.870	ng		100
83) Chrysene	21.357	228	3926820	48.168	ng		99
84) Bis(2-ethylhexyl)phtha...	21.233	149	2810178	51.729	ng		98
85) Di-n-octyl phthalate	22.151	149	3984580	43.359	ng		100
87) Indeno(1,2,3-cd)pyrene	26.257	276	5161032	46.594	ng		98
88) Benzo(b)fluoranthene	22.998	252	4585589	51.081	ng		99
89) Benzo(k)fluoranthene	23.045	252	4206565	48.409	ng		99
90) Benzo(a)pyrene	23.627	252	4342002	50.110	ng		99
91) Dibenzo(a,h)anthracene	26.263	278	4298890	45.642	ng		99
92) Benzo(g,h,i)perylene	27.021	276	4337500	47.167	ng		98

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

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