Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021122\
Data File : BP009119.D
Acq On : 11 Feb 2022 18:30
Operator : CG/JU
Sample : N1489-01MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
COMP-1MSD

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 02/14/2022
Supervised By :mohammad ahmed 02/15/2022

Quant Time: Feb 11 23:33:03 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 07 15:13:17 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.793	152	210427	20.000	ng		-0.01
21) Naphthalene-d8	10.587	136	868236	20.000	ng		-0.02
39) Acenaphthene-d10	14.434	164	614700	20.000	ng		-0.01
64) Phenanthrene-d10	17.198	188	1373611	20.000	ng		# 0.00
76) Chrysene-d12	21.298	240	1389624	20.000	ng		0.00
86) Perylene-d12	23.686	264	1236155	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.393	112	999089	84.694	ng		0.00
7) Phenol-d6	6.987	99	1339954	86.205	ng		0.00
23) Nitrobenzene-d5	8.958	82	938627	60.966	ng		-0.01
42) 2,4,6-Tribromophenol	15.940	330	700590	85.361	ng		0.00
45) 2-Fluorobiphenyl	13.057	172	2587548	58.928	ng		-0.01
79) Terphenyl-d14	19.757	244	4004571	51.824	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.293	88	148993	38.351	ng		97
3) Pyridine	3.693	79	432181	38.080	ng		99
4) n-Nitrosodimethylamine	3.605	42	203671	46.845	ng		88
6) Aniline	7.122	93	682941	38.708	ng		98
8) 2-Chlorophenol	7.364	128	725691	54.509	ng		99
9) Benzaldehyde	6.934	77	392724m	49.879	ng		
10) Phenol	7.017	94	893189	57.152	ng		96
11) bis(2-Chloroethyl)ether	7.217	93	627213	51.686	ng		97
12) 1,3-Dichlorobenzene	7.681	146	749092	48.652	ng		99
13) 1,4-Dichlorobenzene	7.828	146	747781	47.575	ng		100
14) 1,2-Dichlorobenzene	8.140	146	739895	48.573	ng		98
15) Benzyl Alcohol	8.046	79	572857m	57.894	ng		
16) 2,2'-oxybis(1-Chloropr...	8.322	45	659377	48.209	ng		99
17) 2-Methylphenol	8.258	107	582271	55.575	ng		95
18) Hexachloroethane	8.863	117	253998	48.782	ng		95
19) n-Nitroso-di-n-propyla...	8.605	70	463186	52.044	ng		99
20) 3+4-Methylphenols	8.587	107	786147	54.825	ng		97
22) Acetophenone	8.622	105	972080	47.894	ng	#	96
24) Nitrobenzene	8.999	77	685824	47.122	ng		99
25) Isophorone	9.528	82	1314754	51.397	ng		100
26) 2-Nitrophenol	9.710	139	392712	52.171	ng		93
27) 2,4-Dimethylphenol	9.787	122	680479	60.457	ng		98
28) bis(2-Chloroethoxy)met...	10.005	93	830297	47.820	ng		98
29) 2,4-Dichlorophenol	10.263	162	749909	53.318	ng		97
30) 1,2,4-Trichlorobenzene	10.458	180	767113	46.387	ng		98
31) Naphthalene	10.640	128	2093764	47.281	ng		99
32) Benzoic acid	10.005	122	509345	53.094	ng		97
33) 4-Chloroaniline	10.763	127	350234	19.587	ng		98
34) Hexachlorobutadiene	10.922	225	484350	47.611	ng		99
35) Caprolactam	11.575	113	242314m	58.755	ng		
36) 4-Chloro-3-methylphenol	11.916	107	715605	53.338	ng		99
37) 2-Methylnaphthalene	12.257	142	1588708	50.698	ng		97
38) 1-Methylnaphthalene	12.475	142	1510182	49.319	ng		96
40) 1,2,4,5-Tetrachloroben...	12.628	216	923120	47.180	ng		100
41) Hexachlorocyclopentadiene	12.599	237	592227	80.821	ng		98
43) 2,4,6-Trichlorophenol	12.881	196	648162	49.955	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.963	196	706763	50.795	ng		98
46) 1,1'-Biphenyl	13.269	154	2150874	47.625	ng		99
47) 2-Chloronaphthalene	13.310	162	1662042	46.313	ng		99
48) 2-Nitroaniline	13.528	65	423224	50.896	ng		98
49) Acenaphthylene	14.157	152	2684001	49.607	ng		99
50) Dimethylphthalate	13.904	163	2153178	49.141	ng		100
51) 2,6-Dinitrotoluene	14.022	165	489456	53.560	ng		93
52) Acenaphthene	14.498	154	1565874	47.566	ng		99
53) 3-Nitroaniline	14.363	138	274878	29.408	ng		98
54) 2,4-Dinitrophenol	14.581	184	550657	85.687	ng		95
55) Dibenzofuran	14.840	168	2620555	47.249	ng		99
56) 4-Nitrophenol	14.704	139	768101	91.243	ng		92
57) 2,4-Dinitrotoluene	14.822	165	676101	56.651	ng	#	86
58) Fluorene	15.487	166	2055454	48.239	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.081	232	638157m	52.409	ng		
60) Diethylphthalate	15.269	149	2152601	51.956	ng		99
61) 4-Chlorophenyl-phenyle...	15.481	204	1097981	47.426	ng		98
62) 4-Nitroaniline	15.534	138	486936m	51.811	ng		
63) Azobenzene	15.775	77	1712428	47.770	ng		95
65) 4,6-Dinitro-2-methylph...	15.598	198	381268	45.229	ng		98
66) n-Nitrosodiphenylamine	15.704	169	1915025	45.970	ng		99
67) 4-Bromophenyl-phenylether	16.381	248	754028	47.370	ng		98
68) Hexachlorobenzene	16.504	284	865024	48.514	ng		100
69) Atrazine	16.663	200	756540	54.768	ng		99
70) Pentachlorophenol	16.857	266	1052531	112.109	ng		98
71) Phenanthrene	17.240	178	3608739	48.520	ng		99
72) Anthracene	17.328	178	3548037	48.758	ng		99
73) Carbazole	17.610	167	3304132	47.370	ng		100
74) Di-n-butylphthalate	18.157	149	3825352	54.126	ng		99
75) Fluoranthene	19.210	202	4388190	52.641	ng		97
77) Benzidine	19.392	184	2034795	70.074	ng		98
78) Pyrene	19.563	202	4396755	44.478	ng		99
80) Butylbenzylphthalate	20.439	149	1766008	51.956	ng		96
81) Benzo(a)anthracene	21.280	228	4267073	47.650	ng		98
82) 3,3'-Dichlorobenzidine	21.210	252	1207145	38.878	ng		100
83) Chrysene	21.333	228	4025068	46.625	ng		99
84) Bis(2-ethylhexyl)phtha...	21.198	149	2628346	58.457	ng		98
85) Di-n-octyl phthalate	22.116	149	4432091	61.623	ng		99
87) Indeno(1,2,3-cd)pyrene	26.192	276	3591021	39.097	ng		97
88) Benzo(b)fluoranthene	22.957	252	4038549	53.069	ng		99
89) Benzo(k)fluoranthene	23.004	252	3862432	50.873	ng		98
90) Benzo(a)pyrene	23.586	252	3611957	56.930	ng	#	97
91) Dibenzo(a,h)anthracene	26.198	278	3083871	40.856	ng		98
92) Benzo(g,h,i)perylene	26.951	276	3116034	41.462	ng		98

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

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