Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060222\
Data File : BP010677.D
Acq On : 02 Jun 2022 18:31
Operator : CG/JU
Sample : N2988-02MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
P015-SS002-0006-01MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 06/03/2022
Supervised By :Jagrut Upadhyay 06/03/2022

Quant Time: Jun 03 00:53:20 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 28 02:18:04 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.864	152	140577	20.000	ng		0.00
21) Naphthalene-d8	10.663	136	518680	20.000	ng		0.00
39) Acenaphthene-d10	14.499	164	293914	20.000	ng		0.00
64) Phenanthrene-d10	17.251	188	583081	20.000	ng		0.00
76) Chrysene-d12	21.339	240	594906	20.000	ng		0.00
86) Perylene-d12	23.757	264	623711	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.452	112	923095	119.793	ng		0.00
7) Phenol-d6	7.046	99	1291322	118.042	ng		0.00
23) Nitrobenzene-d5	9.022	82	836960	76.290	ng		0.00
42) 2,4,6-Tribromophenol	15.993	330	510412	153.416	ng		0.00
45) 2-Fluorobiphenyl	13.122	172	1753588	84.677	ng		0.00
79) Terphenyl-d14	19.810	244	2831490	89.399	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.352	88	136507	41.715	ng		96
3) Pyridine	3.752	79	359312	39.208	ng		93
4) n-Nitrosodimethylamine	3.664	42	234690	42.000	ng		86
6) Aniline	7.193	93	267647	20.795	ng		96
8) 2-Chlorophenol	7.434	128	447348	51.437	ng		99
9) Benzaldehyde	7.005	77	305365m	42.418	ng		
10) Phenol	7.069	94	567371	50.153	ng		95
11) bis(2-Chloroethyl)ether	7.287	93	442061	49.304	ng		95
12) 1,3-Dichlorobenzene	7.752	146	495827	49.193	ng		97
13) 1,4-Dichlorobenzene	7.899	146	505047	48.901	ng		98
14) 1,2-Dichlorobenzene	8.216	146	480290	48.578	ng		98
15) Benzyl Alcohol	8.111	79	439193m	50.082	ng		
16) 2,2'-oxybis(1-Chloropr...	8.393	45	677171	40.397	ng		97
17) 2-Methylphenol	8.316	107	373363	49.177	ng		97
18) Hexachloroethane	8.940	117	156144	39.085	ng		98
19) n-Nitroso-di-n-propyla...	8.675	70	351428	44.044	ng		92
20) 3+4-Methylphenols	8.646	107	492076	47.150	ng		97
22) Acetophenone	8.687	105	678355	50.150	ng		95
24) Nitrobenzene	9.069	77	523746	47.254	ng		96
25) Isophorone	9.599	82	914196	49.882	ng		98
26) 2-Nitrophenol	9.775	139	225671	52.244	ng		96
27) 2,4-Dimethylphenol	9.846	122	392458	61.128	ng		98
28) bis(2-Chloroethoxy)met...	10.075	93	532461	52.592	ng		100
29) 2,4-Dichlorophenol	10.322	162	385982	50.008	ng		98
30) 1,2,4-Trichlorobenzene	10.528	180	443377	48.834	ng		97
31) Naphthalene	10.710	128	1290805	47.240	ng		100
32) Benzoic acid	10.022	122	308120	56.750	ng		98
33) 4-Chloroaniline	10.834	127	136762	12.957	ng		97
34) Hexachlorobutadiene	10.999	225	285131	46.516	ng		97
35) Caprolactam	11.628	113	127515	57.235	ng	#	82
36) 4-Chloro-3-methylphenol	11.963	107	432198	49.147	ng		98
37) 2-Methylnaphthalene	12.322	142	867743	45.513	ng		98
38) 1-Methylnaphthalene	12.540	142	816776	43.866	ng		99
40) 1,2,4,5-Tetrachloroben...	12.693	216	463442	50.687	ng		98
41) Hexachlorocyclopentadiene	12.669	237	172661	35.474	ng		99
43) 2,4,6-Trichlorophenol	12.940	196	300645	52.671	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.016	196	326334	50.546	ng		99
46) 1,1'-Biphenyl	13.334	154	1085085	49.497	ng		98
47) 2-Chloronaphthalene	13.375	162	840581	48.782	ng		99
48) 2-Nitroaniline	13.581	65	320428	53.653	ng		99
49) Acenaphthylene	14.222	152	1337940	50.550	ng		100
50) Dimethylphthalate	13.957	163	991131	46.847	ng		100
51) 2,6-Dinitrotoluene	14.075	165	210656	46.821	ng		99
52) Acenaphthene	14.563	154	761823	46.882	ng		97
53) 3-Nitroaniline	14.410	138	207491	47.088	ng		99
54) 2,4-Dinitrophenol	14.622	184	97289	38.775	ng		99
55) Dibenzofuran	14.898	168	1211841	47.160	ng		99
56) 4-Nitrophenol	14.740	139	383217	102.320	ng		93
57) 2,4-Dinitrotoluene	14.869	165	276452	47.205	ng	#	95
58) Fluorene	15.546	166	968943	46.124	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.134	232	273217	49.367	ng		98
60) Diethylphthalate	15.322	149	980538	46.558	ng		99
61) 4-Chlorophenyl-phenyle...	15.540	204	497741	47.140	ng		97
62) 4-Nitroaniline	15.575	138	218513	46.655	ng		97
63) Azobenzene	15.834	77	1003110	45.098	ng		96
65) 4,6-Dinitro-2-methylph...	15.640	198	62541	19.873	ng		95
66) n-Nitrosodiphenylamine	15.757	169	830733	47.317	ng		99
67) 4-Bromophenyl-phenylether	16.440	248	306143	48.264	ng		95
68) Hexachlorobenzene	16.563	284	344919	49.229	ng		95
69) Atrazine	16.716	200	284342	49.932	ng		98
70) Pentachlorophenol	16.910	266	474664	118.017	ng		99
71) Phenanthrene	17.298	178	1483113	46.382	ng		100
72) Anthracene	17.387	178	1496379	48.871	ng		100
73) Carbazole	17.657	167	1348201	51.809	ng		100
74) Di-n-butylphthalate	18.210	149	1660282	50.186	ng		99
75) Fluoranthene	19.263	202	1775586	51.125	ng		98
77) Benzidine	19.445	184	99655	8.720	ng		96
78) Pyrene	19.616	202	1845863	44.523	ng		100
80) Butylbenzylphthalate	20.486	149	791500	48.474	ng		95
81) Benzo(a)anthracene	21.328	228	1877684	48.105	ng		99
82) 3,3'-Dichlorobenzidine	21.257	252	421722	39.396	ng		99
83) Chrysene	21.380	228	1725291	45.064	ng		99
84) Bis(2-ethylhexyl)phtha...	21.251	149	1348545	58.591	ng	#	99
85) Di-n-octyl phthalate	22.175	149	2004086	52.249	ng		98
87) Indeno(1,2,3-cd)pyrene	26.286	276	2104762	46.291	ng		98
88) Benzo(b)fluoranthene	23.022	252	1915640	48.782	ng		100
89) Benzo(k)fluoranthene	23.069	252	1854739	46.592	ng		99
90) Benzo(a)pyrene	23.651	252	1819113	56.002	ng		99
91) Dibenzo(a,h)anthracene	26.298	278	1857113	48.834	ng		98
92) Benzo(g,h,i)perylene	27.057	276	1863229	49.282	ng		98

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

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