Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032322\
Data File : BP009528.D
Acq On : 24 Mar 2022 03:37
Operator : CG/JU
Sample : N1977-03MSD 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-12-20220315-16.0-17.0MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/24/2022
Supervised By :Jagrut Upadhyay 03/24/2022

Quant Time: Mar 24 04:21:47 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 24 01:19:11 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.787	152	528784	20.000	ng		0.00
21) Naphthalene-d8	10.581	136	2022586	20.000	ng		0.00
39) Acenaphthene-d10	14.434	164	1098186	20.000	ng		0.00
64) Phenanthrene-d10	17.198	188	1849031	20.000	ng		0.00
76) Chrysene-d12	21.316	240	1736072	20.000	ng		0.00
86) Perylene-d12	23.727	264	2010623	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.393	112	357465	11.803	ng		0.00
7) Phenol-d6	6.975	99	458729	11.200	ng		0.00
23) Nitrobenzene-d5	8.946	82	286878	7.537	ng		0.00
42) 2,4,6-Tribromophenol	15.934	330	141482	7.807	ng		0.00
45) 2-Fluorobiphenyl	13.051	172	621180	7.841	ng		0.00
79) Terphenyl-d14	19.775	244	683079	7.062	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.328	88	58598	4.885	ng		96
3) Pyridine	3.723	79	160464	4.967	ng	#	95
4) n-Nitrosodimethylamine	3.634	42	63609	5.346	ng	#	99
6) Aniline	7.122	93	166504	3.567	ng		98
8) 2-Chlorophenol	7.363	128	193595	5.606	ng		96
9) Benzaldehyde	6.940	77	119826	3.588	ng	#	17
10) Phenol	7.005	94	234003	5.695	ng		96
11) bis(2-Chloroethyl)ether	7.216	93	184091	5.661	ng		97
12) 1,3-Dichlorobenzene	7.675	146	239235	6.138	ng		98
13) 1,4-Dichlorobenzene	7.822	146	263314	6.607	ng		99
14) 1,2-Dichlorobenzene	8.140	146	216666	5.625	ng		99
15) Benzyl Alcohol	8.040	79	146479	4.486	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.316	45	216998	6.156	ng		90
17) 2-Methylphenol	8.246	107	153861	5.434	ng		98
18) Hexachloroethane	8.858	117	57480	4.115	ng	#	81
19) n-Nitroso-di-n-propyla...	8.593	70	143108	5.524	ng		99
20) 3+4-Methylphenols	8.581	107	224833	5.775	ng		96
22) Acetophenone	8.610	105	338663	6.765	ng	#	98
24) Nitrobenzene	8.987	77	211742	5.889	ng		98
25) Isophorone	9.516	82	392498	6.046	ng	#	97
26) 2-Nitrophenol	9.699	139	85342	4.554	ng		98
27) 2,4-Dimethylphenol	9.775	122	174745	6.608	ng		99
28) bis(2-Chloroethoxy)met...	9.999	93	242448	5.735	ng		98
29) 2,4-Dichlorophenol	10.257	162	170831	5.296	ng		97
30) 1,2,4-Trichlorobenzene	10.452	180	208034	5.567	ng		96
31) Naphthalene	10.634	128	11309757	108.556	ng		98
32) Benzoic acid	9.905	122	71235	3.445	ng		96
33) 4-Chloroaniline	10.752	127	137518	3.235	ng		98
34) Hexachlorobutadiene	10.922	225	132866	5.247	ng		96
35) Caprolactam	11.534	113	60311m	5.540	ng		
36) 4-Chloro-3-methylphenol	11.904	107	165871	4.785	ng	#	88
37) 2-Methylnaphthalene	12.251	142	1586090	21.698	ng		99
38) 1-Methylnaphthalene	12.475	142	6111490	85.823	ng		99
40) 1,2,4,5-Tetrachloroben...	12.622	216	215520	5.915	ng		99
41) Hexachlorocyclopentadiene	12.610	237	196m	7.300	ng		
43) 2,4,6-Trichlorophenol	12.869	196	130374	5.398	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.957	196	136654	5.211	ng		99
46) 1,1'-Biphenyl	13.263	154	897049	10.950	ng		98
47) 2-Chloronaphthalene	13.304	162	400410	6.208	ng		99
48) 2-Nitroaniline	13.516	65	94300	5.368	ng		94
49) Acenaphthylene	14.157	152	1428832	14.350	ng	#	93
50) Dimethylphthalate	13.893	163	450331	5.412	ng		99
51) 2,6-Dinitrotoluene	14.010	165	81902	4.698	ng	#	60
52) Acenaphthene	14.504	154	5095489	85.668	ng		100
53) 3-Nitroaniline	14.351	138	83030	4.509	ng		94
54) 2,4-Dinitrophenol	14.587	184	7508m	5.186	ng		
55) Dibenzofuran	14.834	168	1141659	11.425	ng	#	90
56) 4-Nitrophenol	14.698	139	129463	9.431	ng		96
57) 2,4-Dinitrotoluene	14.816	165	157706	6.578	ng	#	85
58) Fluorene	15.492	166	2957867	37.638	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.075	232	105006	4.416	ng	#	94
60) Diethylphthalate	15.263	149	434891	5.222	ng		99
61) 4-Chlorophenyl-phenyle...	15.487	204	212003	4.897	ng		97
62) 4-Nitroaniline	15.516	138	104453	5.401	ng		97
63) Azobenzene	15.775	77	364125	5.026	ng	#	53
66) n-Nitrosodiphenylamine	15.698	169	490707	8.968	ng	#	38
67) 4-Bromophenyl-phenylether	16.381	248	127277	5.625	ng		98
68) Hexachlorobenzene	16.510	284	137672	5.287	ng		99
69) Atrazine	16.663	200	117720	6.119	ng		97
70) Pentachlorophenol	16.863	266	128466	9.229	ng		99
71) Phenanthrene	17.245	178	12761390	128.930	ng		97
72) Anthracene	17.334	178	4871320	49.848	ng		98
73) Carbazole	17.610	167	577085	6.038	ng		98
74) Di-n-butylphthalate	18.169	149	640684	5.721	ng		99
75) Fluoranthene	19.228	202	11706264	97.691	ng		98
77) Benzidine	19.404	184	322538	7.580	ng		98
78) Pyrene	19.580	202	12549916	109.703	ng		97
80) Butylbenzylphthalate	20.457	149	275124	5.658	ng		98
81) Benzo(a)anthracene	21.304	228	7690161	67.423	ng		94
82) 3,3'-Dichlorobenzidine	21.233	252	223935	5.082	ng		99
83) Chrysene	21.357	228	6227629	57.661	ng		97
84) Bis(2-ethylhexyl)phtha...	21.227	149	414114	6.110	ng		100
85) Di-n-octyl phthalate	22.157	149	711120	6.087	ng		98
87) Indeno(1,2,3-cd)pyrene	26.239	276	5466191	35.834	ng	#	93
88) Benzo(b)fluoranthene	22.998	252	8861615	73.829	ng		99
89) Benzo(k)fluoranthene	23.039	252	3325100m	28.294	ng		
90) Benzo(a)pyrene	23.627	252	8043094	78.321	ng		98
91) Dibenzo(a,h)anthracene	26.245	278	1767334	13.902	ng		98
92) Benzo(g,h,i)perylene	27.015	276	5375695	42.983	ng		96

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

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