Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012723\
Data File : BP013623.D
Acq On : 27 Jan 2023 18:16
Operator : CG/JU
Sample : 01289-02MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 29 23:52:35 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 27 03:27:54 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
VNJ209-STOCKMS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.158	152	208988	20.000	ng		0.00
21) Naphthalene-d8	10.987	136	736441	20.000	ng		0.00
39) Acenaphthene-d10	14.793	164	435394	20.000	ng		0.00
64) Phenanthrene-d10	17.545	188	978307	20.000	ng		0.00
76) Chrysene-d12	21.627	240	1031301	20.000	ng		0.00
86) Perylene-d12	24.216	264	1199970	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.687	112	1643492	140.921	ng		0.00
7) Phenol-d6	7.299	99	1926132	122.258	ng		0.00
23) Nitrobenzene-d5	9.328	82	1210988	90.355	ng		0.00
42) 2,4,6-Tribromophenol	16.281	330	838468	126.488	ng		0.00
45) 2-Fluorobiphenyl	13.416	172	2940700	96.463	ng		0.00
79) Terphenyl-d14	20.080	244	4996345	85.491	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.540	88	237437	46.176	ng	#	46
3) Pyridine	3.958	79	547065	37.428	ng		99
4) n-Nitrosodimethylamine	3.858	42	257658	45.105	ng		85
6) Aniline	7.475	93	525135	25.150	ng		98
8) 2-Chlorophenol	7.716	128	638723	51.592	ng		99
9) Benzaldehyde	7.281	77	246896	22.618	ng		98
10) Phenol	7.328	94	729817	44.223	ng		96
11) bis(2-Chloroethyl)ether	7.569	93	670117	49.033	ng		99
12) 1,3-Dichlorobenzene	8.046	146	747378	52.298	ng		98
13) 1,4-Dichlorobenzene	8.193	146	754981	52.098	ng		99
14) 1,2-Dichlorobenzene	8.511	146	715084	52.412	ng		98
15) Benzyl Alcohol	8.393	79	548905m	44.869	ng		
16) 2,2'-oxybis(1-Chloropr...	8.687	45	766339	49.760	ng		98
17) 2-Methylphenol	8.593	107	525064	44.091	ng		97
18) Hexachloroethane	9.252	117	250743	48.298	ng		98
19) n-Nitroso-di-n-propyla...	8.969	70	455509	44.490	ng		98
20) 3+4-Methylphenols	8.922	107	692935	42.461	ng		98
22) Acetophenone	8.987	105	931438	50.108	ng	#	97
24) Nitrobenzene	9.369	77	673296	48.001	ng		99
25) Isophorone	9.899	82	1320634	44.983	ng		99
26) 2-Nitrophenol	10.087	139	275287	45.687	ng		94
27) 2,4-Dimethylphenol	10.140	122	544618	48.827	ng		95
28) bis(2-Chloroethoxy)met...	10.381	93	807601	48.349	ng		99
29) 2,4-Dichlorophenol	10.622	162	611270	48.698	ng		99
30) 1,2,4-Trichlorobenzene	10.846	180	689280	49.529	ng		99
31) Naphthalene	11.034	128	1827622	48.838	ng		99
32) Benzoic acid	10.257	122	339829m	41.793	ng		
33) 4-Chloroaniline	11.140	127	98015	6.033	ng		98
34) Hexachlorobutadiene	11.322	225	432685	46.242	ng		99
35) Caprolactam	11.922	113	142886m	39.701	ng		
36) 4-Chloro-3-methylphenol	12.246	107	603351	45.342	ng		100
37) 2-Methylnaphthalene	12.628	142	1285655	44.953	ng		98
38) 1-Methylnaphthalene	12.846	142	1182208	44.165	ng		97
40) 1,2,4,5-Tetrachloroben...	12.993	216	774676	51.071	ng		99
41) Hexachlorocyclopentadiene	12.975	237	796907	101.687	ng		100
43) 2,4,6-Trichlorophenol	13.228	196	505636	49.819	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.298	196	539561	45.458	ng	98
46) 1,1'-Biphenyl	13.628	154	1673721	51.587	ng	98
47) 2-Chloronaphthalene	13.675	162	1290031	52.101	ng	98
48) 2-Nitroaniline	13.869	65	236749	40.521	ng	97
49) Acenaphthylene	14.516	152	2026568	49.622	ng	100
50) Dimethylphthalate	14.240	163	1656078	48.969	ng	100
51) 2,6-Dinitrotoluene	14.357	165	297449	43.709	ng	97
52) Acenaphthene	14.857	154	1397755m	53.475	ng	
53) 3-Nitroaniline	14.687	138	165513	26.371	ng	99
54) 2,4-Dinitrophenol	14.893	184	373674	89.920	ng	96
55) Dibenzofuran	15.187	168	1972172	48.175	ng	98
56) 4-Nitrophenol	14.987	139	546984	99.221	ng	89
57) 2,4-Dinitrotoluene	15.145	165	407729	44.631	ng	94
58) Fluorene	15.840	166	1517036	48.460	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.410	232	484446	47.113	ng	99
60) Diethylphthalate	15.604	149	1515703	49.076	ng	99
61) 4-Chlorophenyl-phenyle...	15.828	204	820016	46.388	ng	98
62) 4-Nitroaniline	15.851	138	287061	47.535	ng	92
63) Azobenzene	16.122	77	1468703	46.672	ng	97
65) 4,6-Dinitro-2-methylph...	15.904	198	220811	41.977	ng	97
66) n-Nitrosodiphenylamine	16.040	169	1344870	49.895	ng	99
67) 4-Bromophenyl-phenylether	16.728	248	524167	46.484	ng	98
68) Hexachlorobenzene	16.845	284	626612	50.838	ng	99
69) Atrazine	16.992	200	475073	57.658	ng	99
70) Pentachlorophenol	17.187	266	843352	88.043	ng	99
71) Phenanthrene	17.592	178	2577519	51.371	ng	100
72) Anthracene	17.681	178	2581241	50.913	ng	100
73) Carbazole	17.939	167	2396157	53.039	ng	100
74) Di-n-butylphthalate	18.481	149	2443609	58.100	ng	99
75) Fluoranthene	19.539	202	3253848	51.994	ng	99
77) Benzidine	19.710	184	240533	22.246	ng	98
78) Pyrene	19.892	202	3417631	42.819	ng	100
80) Butylbenzylphthalate	20.751	149	545972	49.552	ng	97
81) Benzo(a)anthracene	21.610	228	3510163	48.335	ng	100
82) 3,3'-Dichlorobenzidine	21.533	252	537185	31.789	ng	98
83) Chrysene	21.669	228	3296160	48.305	ng	100
84) Bis(2-ethylhexyl)phtha...	21.516	149	943423	53.652	ng	99
85) Di-n-octyl phthalate	22.504	149	1965724	62.425	ng	97
87) Indeno(1,2,3-cd)pyrene	26.962	276	4770226	56.545	ng	99
88) Benzo(b)fluoranthene	23.421	252	3976253	51.613	ng	99
89) Benzo(k)fluoranthene	23.474	252	3659049	47.843	ng	99
90) Benzo(a)pyrene	24.104	252	3425849	47.246	ng	99
91) Dibenzo(a,h)anthracene	26.980	278	3960139	56.414	ng	99
92) Benzo(g,h,i)perylene	27.809	276	3948088	57.121	ng	99

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

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