Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012723\
Data File : BP013624.D
Acq On : 27 Jan 2023 18:50
Operator : CG/JU
Sample : 01289-02MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 29 23:53:14 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-STOCKMSD

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	255942	20.000	ng		0.00
21) Naphthalene-d8	10.987	136	878455	20.000	ng		0.00
39) Acenaphthene-d10	14.793	164	479120	20.000	ng		0.00
64) Phenanthrene-d10	17.545	188	958088	20.000	ng	#	0.00
76) Chrysene-d12	21.627	240	859241	20.000	ng		0.00
86) Perylene-d12	24.216	264	1021604	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.693	112	1944475	136.141	ng		0.01
7) Phenol-d6	7.305	99	2264142	117.347	ng		0.00
23) Nitrobenzene-d5	9.328	82	1478602	92.487	ng		0.00
42) 2,4,6-Tribromophenol	16.281	330	856193	117.374	ng		0.00
45) 2-Fluorobiphenyl	13.416	172	3386621	100.952	ng		0.00
79) Terphenyl-d14	20.075	244	4489898	92.210	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.546	88	279857	44.441	ng	#	47
3) Pyridine	3.958	79	649746	36.298	ng		99
4) n-Nitrosodimethylamine	3.858	42	309980	44.309	ng		89
6) Aniline	7.475	93	575877	22.521	ng		99
8) 2-Chlorophenol	7.716	128	760857	50.183	ng		99
9) Benzaldehyde	7.281	77	289269m	21.449	ng		
10) Phenol	7.328	94	861734	42.637	ng		97
11) bis(2-Chloroethyl)ether	7.569	93	805604	48.133	ng		98
12) 1,3-Dichlorobenzene	8.046	146	907444	51.849	ng		98
13) 1,4-Dichlorobenzene	8.193	146	914296	51.517	ng		99
14) 1,2-Dichlorobenzene	8.511	146	869064	52.012	ng		100
15) Benzyl Alcohol	8.393	79	653344m	43.608	ng		
16) 2,2'-oxybis(1-Chloropr...	8.687	45	913445	48.431	ng		99
17) 2-Methylphenol	8.593	107	619298	42.464	ng		98
18) Hexachloroethane	9.252	117	312099	49.087	ng		98
19) n-Nitroso-di-n-propyla...	8.969	70	537304	42.851	ng		97
20) 3+4-Methylphenols	8.922	107	808404	40.449	ng		98
22) Acetophenone	8.987	105	1092589	49.275	ng	#	97
24) Nitrobenzene	9.375	77	813438	48.616	ng		98
25) Isophorone	9.905	82	1527290	43.612	ng		98
26) 2-Nitrophenol	10.087	139	340255	47.340	ng		94
27) 2,4-Dimethylphenol	10.140	122	633292	47.598	ng		97
28) bis(2-Chloroethoxy)met...	10.381	93	959499	48.156	ng		99
29) 2,4-Dichlorophenol	10.622	162	709924	47.414	ng		100
30) 1,2,4-Trichlorobenzene	10.846	180	837358	50.442	ng		97
31) Naphthalene	11.040	128	2171155	48.639	ng		99
32) Benzoic acid	10.269	122	375847	38.750	ng		98
33) 4-Chloroaniline	11.146	127	94107	4.856	ng		98
34) Hexachlorobutadiene	11.322	225	541137	48.483	ng		99
35) Caprolactam	11.928	113	146224	34.060	ng		98
36) 4-Chloro-3-methylphenol	12.246	107	661103	41.650	ng		98
37) 2-Methylnaphthalene	12.628	142	1491459	43.718	ng		99
38) 1-Methylnaphthalene	12.846	142	1365459	42.764	ng		98
40) 1,2,4,5-Tetrachloroben...	12.993	216	911000	54.577	ng		99
41) Hexachlorocyclopentadiene	12.975	237	1015022	117.698	ng		100
43) 2,4,6-Trichlorophenol	13.228	196	562799	50.390	ng		98

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44)	2,4,5-Trichlorophenol	13.298	196	593972	45.475	ng		98
46)	1,1'-Biphenyl	13.628	154	1898787	53.183	ng		98
47)	2-Chloronaphthalene	13.675	162	1475674	54.160	ng		99
48)	2-Nitroaniline	13.869	65	255426	39.805	ng		97
49)	Acenaphthylene	14.516	152	2221150	49.423	ng		99
50)	Dimethylphthalate	14.240	163	1725064	46.353	ng		99
51)	2,6-Dinitrotoluene	14.357	165	315049	42.122	ng		98
52)	Acenaphthene	14.857	154	1522785m	52.942	ng		
53)	3-Nitroaniline	14.687	138	162437	23.519	ng		98
54)	2,4-Dinitrophenol	14.893	184	374801	81.960	ng		97
55)	Dibenzofuran	15.193	168	2132434	47.336	ng		98
56)	4-Nitrophenol	14.987	139	510657	84.178	ng		90
57)	2,4-Dinitrotoluene	15.145	165	409281	40.853	ng		94
58)	Fluorene	15.840	166	1586153	46.044	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.410	232	497939	44.006	ng		100
60)	Diethylphthalate	15.604	149	1559151	45.876	ng		100
61)	4-Chlorophenyl-phenyle...	15.828	204	881721	45.326	ng		99
62)	4-Nitroaniline	15.857	138	273026	41.085	ng		92
63)	Azobenzene	16.122	77	1537788	44.407	ng		98
65)	4,6-Dinitro-2-methylph...	15.910	198	215194	41.772	ng		98
66)	n-Nitrosodiphenylamine	16.040	169	1379939	52.276	ng		98
67)	4-Bromophenyl-phenylether	16.728	248	549330	49.744	ng		98
68)	Hexachlorobenzene	16.845	284	639411	52.971	ng		99
69)	Atrazine	16.992	200	454998	56.387	ng		100
70)	Pentachlorophenol	17.187	266	805006	85.813	ng		99
71)	Phenanthrene	17.587	178	2521658	51.318	ng		99
72)	Anthracene	17.681	178	2517440	50.702	ng		100
73)	Carbazole	17.939	167	2203337	49.800	ng		100
74)	Di-n-butylphthalate	18.481	149	2336600	56.812	ng		99
75)	Fluoranthene	19.539	202	2918671	47.622	ng		99
77)	Benzidine	19.710	184	202112	22.435	ng		99
78)	Pyrene	19.892	202	3015833	45.352	ng		100
80)	Butylbenzylphthalate	20.745	149	460377	50.086	ng		97
81)	Benzo(a)anthracene	21.610	228	2952986	48.805	ng		99
82)	3,3'-Dichlorobenzidine	21.533	252	458585	32.416	ng	#	98
83)	Chrysene	21.669	228	2778297	48.869	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.516	149	794335	54.093	ng		99
85)	Di-n-octyl phthalate	22.504	149	1594060	61.349	ng		99
87)	Indeno(1,2,3-cd)pyrene	26.957	276	4340407	60.433	ng		99
88)	Benzo(b)fluoranthene	23.421	252	3226261	49.190	ng		99
89)	Benzo(k)fluoranthene	23.474	252	3186005	48.931	ng		99
90)	Benzo(a)pyrene	24.104	252	2907665	47.101	ng		98
91)	Dibenzo(a,h)anthracene	26.980	278	3604335	60.310	ng		99
92)	Benzo(g,h,i)perylene	27.798	276	3623002	61.570	ng		98

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

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