Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022823\
Data File : BP013904.D
Acq On : 28 Feb 2023 23:28
Operator : CG/JU
Sample : 01700-02MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-1RMSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/01/2023
Supervised By :Jagrut Upadhyay 03/03/2023

Quant Time: Mar 01 03:50:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 24 16:57:00 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.099	152	108377	20.000	ng		0.00
21) Naphthalene-d8	10.922	136	421087	20.000	ng		0.00
39) Acenaphthene-d10	14.734	164	280095	20.000	ng		0.00
64) Phenanthrene-d10	17.486	188	659139	20.000	ng		0.00
76) Chrysene-d12	21.563	240	692303	20.000	ng		-0.01
86) Perylene-d12	24.110	264	789358	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.634	112	733942	111.612	ng		0.00
7) Phenol-d6	7.252	99	866944	102.940	ng		0.00
23) Nitrobenzene-d5	9.269	82	658391	84.432	ng		-0.01
42) 2,4,6-Tribromophenol	16.228	330	581408	142.598	ng		0.00
45) 2-Fluorobiphenyl	13.357	172	1581056	74.141	ng		-0.01
79) Terphenyl-d14	20.021	244	3083337	85.690	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.493	88	92444	32.344	ng	#	51
3) Pyridine	3.911	79	219678	28.511	ng		99
4) n-Nitrosodimethylamine	3.811	42	120602	41.767	ng	#	83
6) Aniline	7.416	93	329361	30.099	ng		97
8) 2-Chlorophenol	7.657	128	286896	41.362	ng		100
9) Benzaldehyde	7.228	77	145535m	36.322	ng		
10) Phenol	7.275	94	314026	35.823	ng		90
11) bis(2-Chloroethyl)ether	7.510	93	274607	39.143	ng		98
12) 1,3-Dichlorobenzene	7.981	146	308704	39.581	ng		97
13) 1,4-Dichlorobenzene	8.134	146	313742	39.824	ng		98
14) 1,2-Dichlorobenzene	8.452	146	302909	41.189	ng		99
15) Benzyl Alcohol	8.340	79	279701m	47.336	ng		
16) 2,2'-oxybis(1-Chloropr...	8.622	45	294388m	39.284	ng		
17) 2-Methylphenol	8.540	107	241510	40.485	ng		94
18) Hexachloroethane	9.187	117	113753	41.220	ng		97
19) n-Nitroso-di-n-propyla...	8.910	70	225577	45.764	ng		98
20) 3+4-Methylphenols	8.869	107	326841	40.708	ng		97
22) Acetophenone	8.928	105	450445	42.411	ng	#	96
24) Nitrobenzene	9.316	77	339120	41.674	ng		99
25) Isophorone	9.840	82	627989	41.790	ng		98
26) 2-Nitrophenol	10.028	139	155702	41.031	ng		91
27) 2,4-Dimethylphenol	10.081	122	268273	42.688	ng		97
28) bis(2-Chloroethoxy)met...	10.322	93	371303	38.707	ng		99
29) 2,4-Dichlorophenol	10.563	162	299625	44.438	ng		99
30) 1,2,4-Trichlorobenzene	10.781	180	314704	39.775	ng		98
31) Naphthalene	10.975	128	931645	40.354	ng		99
32) Benzoic acid	10.198	122	131017	28.719	ng		95
33) 4-Chloroaniline	11.081	127	228421	23.563	ng		97
34) Hexachlorobutadiene	11.251	225	217077	41.286	ng		99
35) Caprolactam	11.875	113	70782	32.880	ng		97
36) 4-Chloro-3-methylphenol	12.192	107	332668	44.278	ng		97
37) 2-Methylnaphthalene	12.569	142	648695	38.817	ng		98
38) 1-Methylnaphthalene	12.787	142	621499	39.736	ng		100
40) 1,2,4,5-Tetrachloroben...	12.934	216	400849	39.683	ng		99
41) Hexachlorocyclopentadiene	12.910	237	486207	90.616	ng		98
43) 2,4,6-Trichlorophenol	13.169	196	274504	43.440	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.245	196	299730	39.909	ng		98
46) 1,1'-Biphenyl	13.569	154	869155	38.392	ng		97
47) 2-Chloronaphthalene	13.616	162	681691	39.524	ng		98
48) 2-Nitroaniline	13.816	65	207005	42.643	ng		95
49) Acenaphthylene	14.457	152	1076118	39.581	ng		100
50) Dimethylphthalate	14.187	163	917013	40.234	ng		100
51) 2,6-Dinitrotoluene	14.304	165	198761	40.224	ng		95
52) Acenaphthene	14.798	154	674621	40.777	ng		99
53) 3-Nitroaniline	14.639	138	167724	33.001	ng		96
54) 2,4-Dinitrophenol	14.845	184	154146	49.218	ng		98
55) Dibenzofuran	15.134	168	1078748	39.187	ng		98
56) 4-Nitrophenol	14.939	139	299558	73.527	ng		86
57) 2,4-Dinitrotoluene	15.092	165	277488	41.695	ng		96
58) Fluorene	15.781	166	878315	40.692	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.357	232	288421	44.609	ng		99
60) Diethylphthalate	15.545	149	915383	41.187	ng		99
61) 4-Chlorophenyl-phenyle...	15.769	204	478812	40.942	ng		98
62) 4-Nitroaniline	15.804	138	201176	38.260	ng		86
63) Azobenzene	16.063	77	818060	40.683	ng		97
65) 4,6-Dinitro-2-methylph...	15.857	198	135372	30.940	ng		96
66) n-Nitrosodiphenylamine	15.986	169	774512	38.793	ng		99
67) 4-Bromophenyl-phenylether	16.669	248	320015	41.133	ng		98
68) Hexachlorobenzene	16.786	284	373470	43.976	ng		99
69) Atrazine	16.933	200	309693	45.496	ng		100
70) Pentachlorophenol	17.133	266	473037	75.550	ng		99
71) Phenanthrene	17.533	178	1468019	39.756	ng		100
72) Anthracene	17.622	178	1469217	39.792	ng		99
73) Carbazole	17.886	167	1330013	40.012	ng		99
74) Di-n-butylphthalate	18.416	149	1581804	40.616	ng		99
75) Fluoranthene	19.480	202	1807698	39.270	ng		98
77) Benzidine	19.657	184	404310	29.501	ng		99
78) Pyrene	19.833	202	1887140	39.889	ng		99
80) Butylbenzylphthalate	20.686	149	699871	41.622	ng		100
81) Benzo(a)anthracene	21.545	228	1972133	39.781	ng		100
82) 3,3'-Dichlorobenzidine	21.474	252	673747	43.197	ng		98
83) Chrysene	21.604	228	1876378	39.070	ng		100
84) Bis(2-ethylhexyl)phtha...	21.445	149	1063194	40.556	ng		99
85) Di-n-octyl phthalate	22.415	149	1749072	37.442	ng		100
87) Indeno(1,2,3-cd)pyrene	26.798	276	2504255	40.783	ng		95
88) Benzo(b)fluoranthene	23.327	252	2034045	40.744	ng	#	98
89) Benzo(k)fluoranthene	23.380	252	2049232	40.438	ng		98
90) Benzo(a)pyrene	23.998	252	1806701	37.434	ng	#	98
91) Dibenzo(a,h)anthracene	26.815	278	2090803	40.639	ng		98
92) Benzo(g,h,i)perylene	27.627	276	2075948	40.807	ng	#	96

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

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