Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032222\
Data File : BP009491.D
Acq On : 22 Mar 2022 16:56
Operator : CG/JU
Sample : N2030-01MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MR-1MSD

Quant Time: Mar 23 01:21:52 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 17 18:26:53 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.792	152	355755	20.000	ng		0.00
21) Naphthalene-d8	10.586	136	1303261	20.000	ng		0.00
39) Acenaphthene-d10	14.433	164	727455	20.000	ng		-0.01
64) Phenanthrene-d10	17.198	188	1400035	20.000	ng		0.00
76) Chrysene-d12	21.309	240	1410897	20.000	ng		0.00
86) Perylene-d12	23.715	264	1841465	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.399	112	3507810	172.152	ng		0.00
7) Phenol-d6	6.981	99	4262520	154.686	ng		-0.01
23) Nitrobenzene-d5	8.951	82	2640359	107.661	ng		0.00
42) 2,4,6-Tribromophenol	15.933	330	1498208	124.806	ng		-0.01
45) 2-Fluorobiphenyl	13.057	172	5456806	103.989	ng		0.00
79) Terphenyl-d14	19.774	244	7375484	93.828	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.334	88	435950	54.016	ng		98
3) Pyridine	3.722	79	1190170	54.754	ng		99
4) n-Nitrosodimethylamine	3.634	42	515584	64.405	ng		100
6) Aniline	7.122	93	1553299	49.459	ng		99
8) 2-Chlorophenol	7.363	128	1297158	55.828	ng		97
9) Benzaldehyde	6.934	77	660439	53.050	ng		98
10) Phenol	7.010	94	1588397	57.456	ng		99
11) bis(2-Chloroethyl)ether	7.222	93	1213071	55.445	ng		97
12) 1,3-Dichlorobenzene	7.681	146	1439177	54.880	ng		98
13) 1,4-Dichlorobenzene	7.828	146	1462195	54.534	ng		99
14) 1,2-Dichlorobenzene	8.145	146	1388836	53.591	ng		99
15) Benzyl Alcohol	8.040	79	1075644	48.959	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.322	45	1354652	57.118	ng		97
17) 2-Methylphenol	8.251	107	1012539	53.150	ng		100
18) Hexachloroethane	8.869	117	507680	54.028	ng		96
19) n-Nitroso-di-n-propyla...	8.604	70	877829	50.365	ng		99
20) 3+4-Methylphenols	8.581	107	1348838	51.492	ng		99
22) Acetophenone	8.616	105	1766109	54.752	ng	#	99
24) Nitrobenzene	8.992	77	1340220	57.849	ng		99
25) Isophorone	9.522	82	2368473	56.617	ng		99
26) 2-Nitrophenol	9.704	139	662989	54.902	ng		95
27) 2,4-Dimethylphenol	9.775	122	1096979	64.377	ng		99
28) bis(2-Chloroethoxy)met...	10.004	93	1448118	53.165	ng		99
29) 2,4-Dichlorophenol	10.245	162	1109710	53.390	ng		99
30) 1,2,4-Trichlorobenzene	10.451	180	1263982	52.489	ng		100
31) Naphthalene	10.634	128	3654331	54.436	ng		100
32) Benzoic acid	9.957	122	732856	55.009	ng		94
33) 4-Chloroaniline	10.751	127	695874	25.403	ng		98
34) Hexachlorobutadiene	10.928	225	791728	48.523	ng		100
35) Caprolactam	11.545	113	324465	46.255	ng		96
36) 4-Chloro-3-methylphenol	11.898	107	1091092	48.852	ng		99
37) 2-Methylnaphthalene	12.251	142	2428411	51.557	ng		99
38) 1-Methylnaphthalene	12.469	142	2325219	50.675	ng		99
40) 1,2,4,5-Tetrachloroben...	12.628	216	1344945	55.723	ng		99
41) Hexachlorocyclopentadiene	12.604	237	1002179	93.986	ng		100
43) 2,4,6-Trichlorophenol	12.869	196	860994	53.819	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.951	196	913978	52.610	ng	98
46) 1,1'-Biphenyl	13.269	154	3055782	56.309	ng	99
47) 2-Chloronaphthalene	13.304	162	2390833	55.957	ng	99
48) 2-Nitroaniline	13.516	65	655888	56.363	ng	98
49) Acenaphthylene	14.157	152	3843500	58.272	ng	100
50) Dimethylphthalate	13.898	163	2736285	49.641	ng	100
51) 2,6-Dinitrotoluene	14.016	165	612251	53.013	ng	99
52) Acenaphthene	14.498	154	2159574	54.811	ng	99
53) 3-Nitroaniline	14.345	138	451413	37.005	ng	93
54) 2,4-Dinitrophenol	14.557	184	502826	70.629	ng	97
55) Dibenzofuran	14.833	168	3442243	52.004	ng	99
56) 4-Nitrophenol	14.680	139	1027099	112.956	ng	98
57) 2,4-Dinitrotoluene	14.804	165	816979	51.447	ng	99
58) Fluorene	15.486	166	2700477	51.874	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.069	232	760192	48.268	ng	95
60) Diethylphthalate	15.269	149	2638400	47.825	ng	99
61) 4-Chlorophenyl-phenyle...	15.486	204	1403951	48.958	ng	95
62) 4-Nitroaniline	15.516	138	590684	46.108	ng	97
63) Azobenzene	15.780	77	2533520	52.792	ng	98
65) 4,6-Dinitro-2-methylph...	15.580	198	353989	39.321	ng	93
66) n-Nitrosodiphenylamine	15.704	169	2337569	56.421	ng	98
67) 4-Bromophenyl-phenylether	16.386	248	868028	50.668	ng	95
68) Hexachlorobenzene	16.504	284	988122	50.115	ng	97
69) Atrazine	16.669	200	810189	55.619	ng	97
70) Pentachlorophenol	16.857	266	1209457	114.752	ng	99
71) Phenanthrene	17.239	178	4159552	55.502	ng	100
72) Anthracene	17.333	178	4165071	56.289	ng	99
73) Carbazole	17.610	167	3813794	52.702	ng	100
74) Di-n-butylphthalate	18.168	149	4350457	51.303	ng	99
75) Fluoranthene	19.221	202	4844842	53.398	ng	99
77) Benzidine	19.410	184	2810024	81.255	ng	99
78) Pyrene	19.574	202	4963107	53.383	ng	99
80) Butylbenzylphthalate	20.457	149	1962275	49.657	ng	99
81) Benzo(a)anthracene	21.298	228	5200077	56.099	ng	99
82) 3,3'-Dichlorobenzidine	21.233	252	1861365	51.980	ng	98
83) Chrysene	21.351	228	4804893	54.742	ng	99
84) Bis(2-ethylhexyl)phtha...	21.233	149	2753114	49.983	ng	100
85) Di-n-octyl phthalate	22.156	149	5125786	53.989	ng	98
87) Indeno(1,2,3-cd)pyrene	26.227	276	7773854	55.644	ng	97
88) Benzo(b)fluoranthene	22.986	252	6346264	57.730	ng	99
89) Benzo(k)fluoranthene	23.033	252	5803795	53.922	ng	98
90) Benzo(a)pyrene	23.609	252	6205377	65.977	ng	98
91) Dibenzo(a,h)anthracene	26.239	278	6719374	57.709	ng	98
92) Benzo(g,h,i)perylene	26.991	276	6796847	59.338	ng	97

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

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