Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012423\
Data File : BP013577.D
Acq On : 24 Jan 2023 18:45
Operator : CG/JU
Sample : 01190-02MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 25 03:50:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 25 03:43:27 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PE-1DMSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.157	152	350373	20.000	ng		0.00
21) Naphthalene-d8	10.993	136	1329128	20.000	ng		0.00
39) Acenaphthene-d10	14.792	164	683947	20.000	ng		0.00
64) Phenanthrene-d10	17.545	188	1272349	20.000	ng		0.00
76) Chrysene-d12	21.621	240	984689	20.000	ng		0.00
86) Perylene-d12	24.204	264	1280379	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.693	112	2247244	109.892	ng		0.00
7) Phenol-d6	7.305	99	2785247	101.199	ng		0.00
23) Nitrobenzene-d5	9.334	82	1540049	76.493	ng		0.00
42) 2,4,6-Tribromophenol	16.281	330	803684	117.150	ng		0.00
45) 2-Fluorobiphenyl	13.422	172	3338315	66.999	ng		0.00
79) Terphenyl-d14	20.074	244	3561103	65.060	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.534	88	355784	43.157	ng		96
3) Pyridine	3.946	79	955785	39.055	ng		96
4) n-Nitrosodimethylamine	3.852	42	449171	40.594	ng		92
6) Aniline	7.475	93	1133233	30.651	ng		99
8) 2-Chlorophenol	7.716	128	1076966	47.727	ng		98
9) Benzaldehyde	7.287	77	458573m	26.311	ng		
10) Phenol	7.334	94	1305924	45.798	ng		97
11) bis(2-Chloroethyl)ether	7.569	93	999203	42.855	ng		97
12) 1,3-Dichlorobenzene	8.052	146	1184870	47.482	ng		98
13) 1,4-Dichlorobenzene	8.199	146	1196017	47.268	ng		99
14) 1,2-Dichlorobenzene	8.516	146	1146029	46.776	ng		99
15) Benzyl Alcohol	8.399	79	841294	42.784	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.687	45	1304348	40.854	ng		100
17) 2-Methylphenol	8.599	107	845895	40.847	ng		98
18) Hexachloroethane	9.257	117	420011	49.661	ng		98
19) n-Nitroso-di-n-propyla...	8.975	70	695391	39.228	ng		96
20) 3+4-Methylphenols	8.928	107	1116921	40.976	ng		97
22) Acetophenone	8.993	105	1482660	43.483	ng	#	99
24) Nitrobenzene	9.375	77	1038550	47.976	ng		97
25) Isophorone	9.904	82	1876664	39.298	ng		99
26) 2-Nitrophenol	10.093	139	467149	55.748	ng		96
27) 2,4-Dimethylphenol	10.146	122	892355	43.288	ng		98
28) bis(2-Chloroethoxy)met...	10.387	93	1226442	42.617	ng		100
29) 2,4-Dichlorophenol	10.628	162	899941	47.461	ng		99
30) 1,2,4-Trichlorobenzene	10.851	180	1005064	46.446	ng		98
31) Naphthalene	11.046	128	3080490	43.111	ng		99
32) Benzoic acid	10.263	122	451364	46.584	ng		95
33) 4-Chloroaniline	11.146	127	443716	14.034	ng		99
34) Hexachlorobutadiene	11.328	225	575522	45.702	ng		99
35) Caprolactam	11.916	113	247488	40.258	ng		96
36) 4-Chloro-3-methylphenol	12.251	107	882254	42.723	ng		97
37) 2-Methylnaphthalene	12.634	142	2054983	40.460	ng		98
38) 1-Methylnaphthalene	12.851	142	1891348	39.630	ng		98
40) 1,2,4,5-Tetrachloroben...	12.998	216	1015474	48.226	ng		99
41) Hexachlorocyclopentadiene	12.981	237	1153620	103.169	ng		98
43) 2,4,6-Trichlorophenol	13.228	196	639551	51.895	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.298	196	691052	47.453	ng		98
46)	1,1'-Biphenyl	13.634	154	2539363	46.230	ng		100
47)	2-Chloronaphthalene	13.675	162	1945462	47.276	ng		100
48)	2-Nitroaniline	13.869	65	497470	48.298	ng		92
49)	Acenaphthylene	14.522	152	2954482	43.902	ng		99
50)	Dimethylphthalate	14.245	163	2202227	43.316	ng		100
51)	2,6-Dinitrotoluene	14.363	165	469307	47.324	ng		90
52)	Acenaphthene	14.857	154	1903281	45.784	ng		98
53)	3-Nitroaniline	14.692	138	323225	30.643	ng	#	93
54)	2,4-Dinitrophenol	14.892	184	240124	71.218	ng		92
55)	Dibenzofuran	15.192	168	2739566	42.977	ng		99
56)	4-Nitrophenol	14.986	139	825222	94.799	ng		91
57)	2,4-Dinitrotoluene	15.145	165	609630	51.328	ng		87
58)	Fluorene	15.839	166	2161705	42.666	ng		100
59)	2,3,4,6-Tetrachlorophenol	15.410	232	552613	49.420	ng		98
60)	Diethylphthalate	15.604	149	2112005	42.532	ng		100
61)	4-Chlorophenyl-phenyle...	15.834	204	1053821	42.300	ng		97
62)	4-Nitroaniline	15.851	138	461884	42.929	ng		93
63)	Azobenzene	16.122	77	2041635	42.312	ng		98
65)	4,6-Dinitro-2-methylph...	15.904	198	178981	46.377	ng		98
66)	n-Nitrosodiphenylamine	16.045	169	1830819	44.124	ng		99
67)	4-Bromophenyl-phenylether	16.728	248	634992	45.055	ng		100
68)	Hexachlorobenzene	16.845	284	730664	47.995	ng		99
69)	Atrazine	16.992	200	579060	48.775	ng		98
70)	Pentachlorophenol	17.186	266	832516	81.807	ng		99
71)	Phenanthrene	17.592	178	3150439	44.503	ng		99
72)	Anthracene	17.680	178	3151208	43.858	ng		99
73)	Carbazole	17.939	167	2929926	45.376	ng		99
74)	Di-n-butylphthalate	18.480	149	3532624	49.157	ng		100
75)	Fluoranthene	19.539	202	3370256	44.769	ng		98
77)	Benzidine	19.704	184	966198	39.014	ng		100
78)	Pyrene	19.886	202	3497600	46.454	ng		99
80)	Butylbenzylphthalate	20.745	149	1663419	69.389	ng		98
81)	Benzo(a)anthracene	21.610	228	3536942	51.559	ng		100
82)	3,3'-Dichlorobenzidine	21.527	252	745776	33.741	ng		99
83)	Chrysene	21.663	228	3480361	53.044	ng		100
84)	Bis(2-ethylhexyl)phtha...	21.510	149	2343460	61.083	ng		99
85)	Di-n-octyl phthalate	22.504	149	3291716	53.218	ng		97
87)	Indeno(1,2,3-cd)pyrene	26.945	276	4727407	50.126	ng		100
88)	Benzo(b)fluoranthene	23.415	252	3541701	44.965	ng		100
89)	Benzo(k)fluoranthene	23.468	252	3539589	44.059	ng		100
90)	Benzo(a)pyrene	24.098	252	3220057	42.143	ng		99
91)	Dibenzo(a,h)anthracene	26.968	278	3979284	50.303	ng		100
92)	Benzo(g,h,i)perylene	27.792	276	3858706	49.972	ng		100

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

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