Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042823\
Data File : BF133128.D
Acq On : 28 Apr 2023 18:51
Operator : CG\JU
Sample : 02502-02MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 01 03:07:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 01 03:03:04 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
BU-511-COMP-01MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.734	152	178382	20.000	ng		0.00
21) Naphthalene-d8	8.022	136	717204	20.000	ng		0.00
39) Acenaphthene-d10	9.775	164	369048	20.000	ng		0.00
64) Phenanthrene-d10	11.257	188	659262	20.000	ng	#	0.00
76) Chrysene-d12	13.892	240	433154	20.000	ng		0.00
86) Perylene-d12	15.304	264	346083	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.369	112	1518321	128.577	ng		0.03
7) Phenol-d6	6.387	99	1763878	120.344	ng		0.00
23) Nitrobenzene-d5	7.304	82	1208752	90.971	ng		0.00
42) 2,4,6-Tribromophenol	10.569	330	542674	146.215	ng		0.00
45) 2-Fluorobiphenyl	9.098	172	2080831	94.330	ng		0.00
79) Terphenyl-d14	12.845	244	2364725	94.155	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.599	88	229312	41.866	ng	#	80
3) Pyridine	3.263	79	299738	20.604	ng		96
4) n-Nitrosodimethylamine	3.199	42	325069	43.140	ng		95
6) Aniline	6.398	93	194419	10.299	ng	#	1
8) 2-Chlorophenol	6.522	128	587744	49.021	ng		97
9) Benzaldehyde	6.287	77	272634	40.498	ng		96
10) Phenol	6.398	94	631146	39.034	ng		99
11) bis(2-Chloroethyl)ether	6.475	93	581068	47.889	ng		98
12) 1,3-Dichlorobenzene	6.681	146	584987	45.892	ng		96
13) 1,4-Dichlorobenzene	6.757	146	602173	47.135	ng		96
14) 1,2-Dichlorobenzene	6.904	146	578130	49.085	ng		97
15) Benzyl Alcohol	6.887	79	467335	46.159	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.016	45	863790	40.987	ng		92
17) 2-Methylphenol	7.004	107	485990	44.267	ng		98
18) Hexachloroethane	7.251	117	201450	45.355	ng		97
19) n-Nitroso-di-n-propyla...	7.157	70	387375	42.453	ng		98
20) 3+4-Methylphenols	7.157	107	563917	43.616	ng	#	81
22) Acetophenone	7.151	105	784327	47.209	ng		99
24) Nitrobenzene	7.322	77	589492	43.782	ng		98
25) Isophorone	7.563	82	1119768	44.386	ng		100
26) 2-Nitrophenol	7.640	139	333140	51.298	ng		91
27) 2,4-Dimethylphenol	7.681	122	534470	47.996	ng		100
28) bis(2-Chloroethoxy)met...	7.775	93	672805	45.080	ng		100
29) 2,4-Dichlorophenol	7.881	162	492018	48.535	ng		100
30) 1,2,4-Trichlorobenzene	7.963	180	503367	47.929	ng		99
31) Naphthalene	8.045	128	1658952	46.265	ng		99
32) Benzoic acid	7.798	122	272231	39.577	ng		97
33) 4-Chloroaniline	8.092	127	126289	8.717	ng		97
34) Hexachlorobutadiene	8.163	225	270538	46.477	ng		98
35) Caprolactam	8.463	113	140711m	41.318	ng		
36) 4-Chloro-3-methylphenol	8.581	107	526950	48.203	ng		96
37) 2-Methylnaphthalene	8.734	142	1104943	45.072	ng		99
38) 1-Methylnaphthalene	8.834	142	1032898	45.039	ng		100
40) 1,2,4,5-Tetrachloroben...	8.904	216	454618	45.816	ng		99
41) Hexachlorocyclopentadiene	8.892	237	580285	100.275	ng		98
43) 2,4,6-Trichlorophenol	9.016	196	334981	48.815	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.057	196	361800	45.588	ng		97
46) 1,1'-Biphenyl	9.198	154	1351816	46.194	ng		99
47) 2-Chloronaphthalene	9.222	162	1030855	48.128	ng		99
48) 2-Nitroaniline	9.316	65	331338	46.806	ng		97
49) Acenaphthylene	9.634	152	1603920	46.864	ng		100
50) Dimethylphthalate	9.504	163	1214648	47.202	ng		100
51) 2,6-Dinitrotoluene	9.563	165	289662	50.012	ng	#	83
52) Acenaphthene	9.810	154	1145892m	49.991	ng		
53) 3-Nitroaniline	9.728	138	196745	28.569	ng		98
54) 2,4-Dinitrophenol	9.834	184	258049	88.638	ng		97
55) Dibenzofuran	9.981	168	1433289	45.839	ng		99
56) 4-Nitrophenol	9.898	139	474694	88.997	ng		92
57) 2,4-Dinitrotoluene	9.963	165	379776	51.417	ng		91
58) Fluorene	10.322	166	1066600	46.560	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.098	232	303195	49.278	ng		96
60) Diethylphthalate	10.204	149	1126154	46.332	ng		98
61) 4-Chlorophenyl-phenyle...	10.316	204	515903	46.213	ng		99
62) 4-Nitroaniline	10.345	138	325226	51.383	ng		98
63) Azobenzene	10.475	77	1113280	43.236	ng		98
65) 4,6-Dinitro-2-methylph...	10.375	198	201369	50.393	ng		98
66) n-Nitrosodiphenylamine	10.433	169	985319	46.076	ng		99
67) 4-Bromophenyl-phenylether	10.804	248	329022	46.017	ng		98
68) Hexachlorobenzene	10.869	284	364164	49.704	ng		97
69) Atrazine	10.963	200	338920	55.003	ng		97
70) Pentachlorophenol	11.063	266	436902	83.730	ng		99
71) Phenanthrene	11.280	178	1657574	46.780	ng		99
72) Anthracene	11.333	178	1680530	46.344	ng		99
73) Carbazole	11.486	167	1548493	47.957	ng		99
74) Di-n-butylphthalate	11.822	149	1794730	49.117	ng		99
75) Fluoranthene	12.463	202	1714514	48.213	ng		99
77) Benzidine	12.586	184	290018	39.594	ng	#	93
78) Pyrene	12.692	202	1756285	47.299	ng		100
80) Butylbenzylphthalate	13.316	149	739452	56.244	ng		97
81) Benzo(a)anthracene	13.880	228	1391074	46.701	ng		99
82) 3,3'-Dichlorobenzidine	13.845	252	362635	44.070	ng		100
83) Chrysene	13.916	228	1379045	46.309	ng		100
84) Bis(2-ethylhexyl)phtha...	13.880	149	830075	50.301	ng		99
85) Di-n-octyl phthalate	14.492	149	1399059	51.995	ng		96
87) Indeno(1,2,3-cd)pyrene	16.692	276	1266139	64.317	ng		99
88) Benzo(b)fluoranthene	14.904	252	1122596	50.987	ng		98
89) Benzo(k)fluoranthene	14.933	252	1113705	51.028	ng		99
90) Benzo(a)pyrene	15.251	252	935085	46.660	ng		99
91) Dibenzo(a,h)anthracene	16.710	278	1048018	63.830	ng		98
92) Benzo(g,h,i)perylene	17.110	276	1095264	67.568	ng		99

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

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