Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080923\
Data File : BF134685.D
Acq On : 09 Aug 2023 12:05
Operator : CG\JU
Sample : 03908-01MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-368MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023

Quant Time: Aug 10 01:38:25 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 04 09:29:15 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.804	152	187930	20.000	ng		0.00
21) Naphthalene-d8	8.080	136	749958	20.000	ng	#	0.00
39) Acenaphthene-d10	9.839	164	372488	20.000	ng		0.00
64) Phenanthrene-d10	11.327	188	607083	20.000	ng	#	0.00
76) Chrysene-d12	13.980	240	361777	20.000	ng	#	0.00
86) Perylene-d12	15.451	264	441695	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.439	112	803006	64.952	ng		0.01
7) Phenol-d6	6.439	99	1038732	65.727	ng		0.00
23) Nitrobenzene-d5	7.363	82	619893	51.655	ng		0.00
42) 2,4,6-Tribromophenol	10.633	330	254602	67.051	ng		0.00
45) 2-Fluorobiphenyl	9.163	172	1140980	50.931	ng		0.00
79) Terphenyl-d14	12.921	244	1016194	49.517	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.628	88	212452	37.350	ng	#	95
3) Pyridine	3.381	79	539286	34.988	ng		89
4) n-Nitrosodimethylamine	3.351	42	280930	38.145	ng	#	58
6) Aniline	6.469	93	640597	30.904	ng		92
8) 2-Chlorophenol	6.592	128	570850	45.773	ng		93
9) Benzaldehyde	6.357	77	287436	36.663	ng		94
10) Phenol	6.457	94	699124m	44.891	ng		
11) bis(2-Chloroethyl)ether	6.545	93	530418	42.873	ng		92
12) 1,3-Dichlorobenzene	6.745	146	571158	44.265	ng		94
13) 1,4-Dichlorobenzene	6.822	146	584008	45.161	ng		98
14) 1,2-Dichlorobenzene	6.975	146	558382	46.342	ng		95
15) Benzyl Alcohol	6.945	79	479039	43.938	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.081	45	831044	42.876	ng		89
17) 2-Methylphenol	7.057	107	447855	40.638	ng		93
18) Hexachloroethane	7.310	117	210780	46.441	ng		98
19) n-Nitroso-di-n-propyla...	7.222	70	361215	38.175	ng	#	89
20) 3+4-Methylphenols	7.210	107	515517	38.788	ng	#	84
22) Acetophenone	7.216	105	689227	39.809	ng		91
24) Nitrobenzene	7.386	77	567949	43.806	ng		93
25) Isophorone	7.628	82	1059110	40.463	ng		98
26) 2-Nitrophenol	7.698	139	296310	53.139	ng	#	89
27) 2,4-Dimethylphenol	7.739	122	448400	38.394	ng		87
28) bis(2-Chloroethoxy)met...	7.839	93	654879	41.825	ng		100
29) 2,4-Dichlorophenol	7.939	162	463930	43.767	ng		98
30) 1,2,4-Trichlorobenzene	8.028	180	498336	44.087	ng		96
31) Naphthalene	8.104	128	1544677	40.982	ng		99
32) Benzoic acid	7.869	122	357802m	47.135	ng		
33) 4-Chloroaniline	8.151	127	395589	23.555	ng		99
34) Hexachlorobutadiene	8.222	225	289186	44.353	ng		98
35) Caprolactam	8.533	113	153938m	45.013	ng		
36) 4-Chloro-3-methylphenol	8.639	107	474810	42.296	ng		93
37) 2-Methylnaphthalene	8.798	142	977985	39.145	ng		99
38) 1-Methylnaphthalene	8.898	142	933802	40.195	ng		98
40) 1,2,4,5-Tetrachloroben...	8.963	216	474571	43.813	ng		98
41) Hexachlorocyclopentadiene	8.945	237	408286	77.513	ng		91
43) 2,4,6-Trichlorophenol	9.075	196	322709	45.523	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	338339	41.760	ng		93
46) 1,1'-Biphenyl	9.263	154	1227557	42.380	ng		98
47) 2-Chloronaphthalene	9.286	162	941206	43.366	ng		98
48) 2-Nitroaniline	9.386	65	306415	45.463	ng		85
49) Acenaphthylene	9.704	152	1440002	42.208	ng		99
50) Dimethylphthalate	9.569	163	1104989	43.525	ng		98
51) 2,6-Dinitrotoluene	9.627	165	250270	48.107	ng		85
52) Acenaphthene	9.874	154	987483m	44.664	ng		
53) 3-Nitroaniline	9.798	138	220685	38.999	ng		98
54) 2,4-Dinitrophenol	9.904	184	201719	91.807	ng		92
55) Dibenzofuran	10.051	168	1273860	40.474	ng		93
56) 4-Nitrophenol	9.963	139	388647	83.976	ng	#	74
57) 2,4-Dinitrotoluene	10.033	165	308711	49.068	ng	#	88
58) Fluorene	10.392	166	923499	40.284	ng		96
59) 2,3,4,6-Tetrachlorophenol	10.169	232	281603	43.933	ng		96
60) Diethylphthalate	10.269	149	1041178	43.267	ng		97
61) 4-Chlorophenyl-phenyle...	10.386	204	469442	41.661	ng		91
62) 4-Nitroaniline	10.410	138	235887	42.530	ng		84
63) Azobenzene	10.545	77	999028	38.640	ng		97
65) 4,6-Dinitro-2-methylph...	10.445	198	137828	54.690	ng	#	73
66) n-Nitrosodiphenylamine	10.504	169	880359	45.560	ng		99
67) 4-Bromophenyl-phenylether	10.874	248	310840	46.773	ng		96
68) Hexachlorobenzene	10.939	284	329158	46.904	ng		95
69) Atrazine	11.039	200	293935	56.437	ng		99
70) Pentachlorophenol	11.133	266	294367	67.747	ng		97
71) Phenanthrene	11.357	178	1352546	41.945	ng		100
72) Anthracene	11.410	178	1352485	41.062	ng		99
73) Carbazole	11.563	167	1173292	39.896	ng		99
74) Di-n-butylphthalate	11.898	149	1457439	46.647	ng		99
75) Fluoranthene	12.545	202	1276428	37.474	ng		96
77) Benzidine	12.668	184	506919	64.548	ng		98
78) Pyrene	12.774	202	1270303	40.578	ng		97
80) Butylbenzylphthalate	13.404	149	461351	43.583	ng	#	97
81) Benzo(a)anthracene	13.968	228	1029793	39.808	ng		99
82) 3,3'-Dichlorobenzidine	13.933	252	369834	49.322	ng	#	98
83) Chrysene	14.004	228	1027434	40.766	ng		100
84) Bis(2-ethylhexyl)phtha...	13.968	149	541055	43.433	ng		97
85) Di-n-octyl phthalate	14.586	149	1157869	61.121	ng		100
87) Indeno(1,2,3-cd)pyrene	16.950	276	1079057	41.539	ng	#	92
88) Benzo(b)fluoranthene	15.021	252	1232894	45.767	ng	#	96
89) Benzo(k)fluoranthene	15.056	252	1032155	38.463	ng		98
90) Benzo(a)pyrene	15.392	252	1011671	40.278	ng	#	96
91) Dibenzo(a,h)anthracene	16.974	278	888687	42.331	ng	#	96
92) Benzo(g,h,i)perylene	17.403	276	819683	38.276	ng	#	92

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

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