Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090222\
Data File : BF130106.D
Acq On : 02 Sep 2022 12:28
Operator : CG\JU
Sample : N4295-05MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 03 05:41:43 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 31 18:15:32 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
XRDS-RECYCLED-SAND-SP-A-COMPMS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.704	152	212052	20.000	ng		0.00
21) Naphthalene-d8	7.987	136	831137	20.000	ng	#	0.00
39) Acenaphthene-d10	9.739	164	426563	20.000	ng		0.00
64) Phenanthrene-d10	11.216	188	684287	20.000	ng	#	0.00
76) Chrysene-d12	13.851	240	387184	20.000	ng		0.00
86) Perylene-d12	15.245	264	372794	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.304	112	864252	69.191	ng		0.00
7) Phenol-d6	6.328	99	698951	44.884	ng		-0.02
23) Nitrobenzene-d5	7.275	82	1277355	98.769	ng		0.00
42) 2,4,6-Tribromophenol	10.528	330	558557	143.850	ng		0.00
45) 2-Fluorobiphenyl	9.063	172	2201425	85.565	ng		0.00
79) Terphenyl-d14	12.804	244	2034220	91.109	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.399	88	126086	21.599	ng		94
3) Pyridine	3.093	79	297579	19.011	ng		93
4) n-Nitrosodimethylamine	3.034	42	131840	21.417	ng		87
6) Aniline	6.369	93	585937	30.011	ng	#	48
8) 2-Chlorophenol	6.487	128	556686	40.605	ng		97
9) Benzaldehyde	6.251	77	379163	39.780	ng		97
10) Phenol	6.340	94	311005m	17.669	ng		
11) bis(2-Chloroethyl)ether	6.445	93	645128	48.237	ng		96
12) 1,3-Dichlorobenzene	6.645	146	646072	42.510	ng		96
13) 1,4-Dichlorobenzene	6.722	146	655102	42.792	ng		97
14) 1,2-Dichlorobenzene	6.875	146	632449	45.447	ng		98
15) Benzyl Alcohol	6.851	79	331281	31.562	ng		90
16) 2,2'-oxybis(1-Chloropr...	6.987	45	837548	46.080	ng	#	53
17) 2-Methylphenol	6.963	107	368180	31.920	ng	#	86
18) Hexachloroethane	7.216	117	231538	41.883	ng		98
19) n-Nitroso-di-n-propyla...	7.128	70	435930	46.467	ng		92
20) 3+4-Methylphenols	7.116	107	372708	27.554	ng	#	48
22) Acetophenone	7.122	105	897884	48.355	ng	#	94
24) Nitrobenzene	7.292	77	660854	48.048	ng		97
25) Isophorone	7.534	82	1254134	47.912	ng		97
26) 2-Nitrophenol	7.604	139	329086	50.719	ng		94
27) 2,4-Dimethylphenol	7.645	122	514442	46.838	ng		97
28) bis(2-Chloroethoxy)met...	7.745	93	799596	50.853	ng		99
29) 2,4-Dichlorophenol	7.845	162	511317	43.522	ng		99
30) 1,2,4-Trichlorobenzene	7.928	180	519179	41.911	ng		99
31) Naphthalene	8.010	128	1799362	42.925	ng		99
32) Benzoic acid	7.728	122	123077	18.417	ng		99
33) 4-Chloroaniline	8.057	127	416165	24.573	ng		98
34) Hexachlorobutadiene	8.128	225	289919	40.865	ng		100
35) Caprolactam	8.428	113	35452m	9.738	ng		
36) 4-Chloro-3-methylphenol	8.534	107	488463	41.088	ng		95
37) 2-Methylnaphthalene	8.698	142	1207484	44.717	ng		97
38) 1-Methylnaphthalene	8.798	142	1148896	43.773	ng		97
40) 1,2,4,5-Tetrachloroben...	8.863	216	497618	44.737	ng		99
41) Hexachlorocyclopentadiene	8.851	237	601474	103.469	ng		97
43) 2,4,6-Trichlorophenol	8.975	196	348181	43.853	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.010	196	388665	45.164	ng		96
46) 1,1'-Biphenyl	9.163	154	1437286	46.379	ng		99
47) 2-Chloronaphthalene	9.186	162	1131956	45.588	ng		99
48) 2-Nitroaniline	9.286	65	329589	53.865	ng	#	82
49) Acenaphthylene	9.598	152	1729860	45.878	ng		99
50) Dimethylphthalate	9.475	163	1358362	46.753	ng		100
51) 2,6-Dinitrotoluene	9.528	165	304382	53.734	ng		95
52) Acenaphthene	9.775	154	1186097m	49.914	ng		
53) 3-Nitroaniline	9.692	138	196970	30.294	ng		98
54) 2,4-Dinitrophenol	9.804	184	261465	99.477	ng	#	79
55) Dibenzofuran	9.945	168	1560898	45.872	ng		100
56) 4-Nitrophenol	9.851	139	192695	38.441	ng		89
57) 2,4-Dinitrotoluene	9.928	165	393577	60.348	ng	#	87
58) Fluorene	10.286	166	1141748	44.099	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.057	232	296282	44.328	ng	#	79
60) Diethylphthalate	10.169	149	1288460	45.840	ng		100
61) 4-Chlorophenyl-phenyle...	10.281	204	516669	45.143	ng		99
62) 4-Nitroaniline	10.310	138	296636	46.911	ng		94
63) Azobenzene	10.439	77	1236258	44.671	ng		95
65) 4,6-Dinitro-2-methylph...	10.333	198	165056	50.826	ng		93
66) n-Nitrosodiphenylamine	10.404	169	1065349	46.572	ng		99
67) 4-Bromophenyl-phenylether	10.769	248	367252	48.251	ng		94
68) Hexachlorobenzene	10.828	284	398700	48.074	ng		94
69) Atrazine	10.933	200	338698	52.337	ng		99
70) Pentachlorophenol	11.022	266	436400	94.099	ng		96
71) Phenanthrene	11.245	178	1676027	45.164	ng		99
72) Anthracene	11.298	178	1708104	46.822	ng		100
73) Carbazole	11.451	167	1604316	47.690	ng		99
74) Di-n-butylphthalate	11.786	149	1951583	48.109	ng		100
75) Fluoranthene	12.427	202	1658626	45.072	ng		97
77) Benzidine	12.551	184	560918	53.658	ng		99
78) Pyrene	12.657	202	1679715	48.367	ng		100
80) Butylbenzylphthalate	13.280	149	735832	53.270	ng		96
81) Benzo(a)anthracene	13.839	228	1220847	46.011	ng		99
82) 3,3'-Dichlorobenzidine	13.804	252	263872	31.889	ng		99
83) Chrysene	13.874	228	1211746	46.320	ng		100
84) Bis(2-ethylhexyl)phtha...	13.839	149	895712	52.168	ng		99
85) Di-n-octyl phthalate	14.451	149	1487253	54.836	ng		98
87) Indeno(1,2,3-cd)pyrene	16.598	276	1331262	54.136	ng	#	95
88) Benzo(b)fluoranthene	14.851	252	1247144m	50.166	ng		
89) Benzo(k)fluoranthene	14.880	252	1065805	44.328	ng		98
90) Benzo(a)pyrene	15.192	252	1008515	51.053	ng	#	98
91) Dibenzo(a,h)anthracene	16.621	278	1156317	57.465	ng	#	97
92) Benzo(g,h,i)perylene	17.009	276	1177343	58.480	ng	#	93

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

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