Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122222\
Data File : BF131784.D
Acq On : 22 Dec 2022 19:07
Operator : CG\JU
Sample : N6178-01MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-1MS

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :Jagrut Upadhyay 12/24/2022

Quant Time: Dec 23 03:32:48 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 23 03:03:57 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.851	152	78941	20.000	ng		0.00
21) Naphthalene-d8	8.145	136	286176	20.000	ng		0.00
39) Acenaphthene-d10	9.910	164	166174	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	330024	20.000	ng		0.00
76) Chrysene-d12	14.051	240	198493	20.000	ng		0.00
86) Perylene-d12	15.533	264	161717	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	619465	132.138	ng		0.02
7) Phenol-d6	6.493	99	810697	128.479	ng		0.00
23) Nitrobenzene-d5	7.428	82	571380	81.055	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	245418	134.931	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	971935	81.933	ng		0.00
79) Terphenyl-d14	12.992	244	1116857	87.693	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.663	88	101090	46.144	ng		97
3) Pyridine	3.405	79	272243	43.581	ng		100
4) n-Nitrosodimethylamine	3.381	42	137171	48.535	ng		93
6) Aniline	6.516	93	196981	25.287	ng		93
8) 2-Chlorophenol	6.640	128	245946	48.845	ng		100
9) Benzaldehyde	6.404	77	194591	54.438	ng		96
10) Phenol	6.504	94	346934	46.051	ng		99
11) bis(2-Chloroethyl)ether	6.593	93	266113	49.361	ng		99
12) 1,3-Dichlorobenzene	6.793	146	272284	47.838	ng		98
13) 1,4-Dichlorobenzene	6.875	146	271414	46.650	ng		100
14) 1,2-Dichlorobenzene	7.028	146	260575	47.834	ng		98
15) Benzyl Alcohol	7.004	79	267851	47.526	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.134	45	341739	49.713	ng		99
17) 2-Methylphenol	7.116	107	220342	46.354	ng		96
18) Hexachloroethane	7.369	117	112646	48.842	ng		100
19) n-Nitroso-di-n-propyla...	7.275	70	215655	47.388	ng		95
20) 3+4-Methylphenols	7.269	107	283460	46.333	ng		97
22) Acetophenone	7.269	105	401587	48.086	ng	#	90
24) Nitrobenzene	7.445	77	332502	46.397	ng		97
25) Isophorone	7.687	82	595891	49.775	ng		99
26) 2-Nitrophenol	7.763	139	132740	47.394	ng		97
27) 2,4-Dimethylphenol	7.798	122	225313	56.483	ng		99
28) bis(2-Chloroethoxy)met...	7.898	93	332780	52.346	ng		98
29) 2,4-Dichlorophenol	8.004	162	227981	47.341	ng		99
30) 1,2,4-Trichlorobenzene	8.087	180	260780	46.063	ng		98
31) Naphthalene	8.169	128	705314	45.129	ng		100
32) Benzoic acid	7.939	122	150406	47.103	ng		98
33) 4-Chloroaniline	8.216	127	43002	7.055	ng		97
34) Hexachlorobutadiene	8.281	225	173395	45.523	ng		99
35) Caprolactam	8.604	113	67616m	46.565	ng		
36) 4-Chloro-3-methylphenol	8.710	107	267538	48.633	ng		99
37) 2-Methylnaphthalene	8.863	142	487217	45.701	ng		100
38) 1-Methylnaphthalene	8.963	142	451233	43.701	ng		98
40) 1,2,4,5-Tetrachloroben...	9.028	216	277103	48.740	ng		98
41) Hexachlorocyclopentadiene	9.010	237	334815	129.987	ng		99
43) 2,4,6-Trichlorophenol	9.145	196	175550	47.269	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	186592	46.410	ng	96
46) 1,1'-Biphenyl	9.328	154	609434	48.757	ng	99
47) 2-Chloronaphthalene	9.357	162	488538	47.731	ng	99
48) 2-Nitroaniline	9.457	65	174074	47.186	ng	96
49) Acenaphthylene	9.775	152	733311	47.767	ng	99
50) Dimethylphthalate	9.639	163	596362	47.695	ng	98
51) 2,6-Dinitrotoluene	9.698	165	130816	48.655	ng	95
52) Acenaphthene	9.945	154	434297	46.181	ng	99
53) 3-Nitroaniline	9.869	138	56163	20.415	ng	98
54) 2,4-Dinitrophenol	9.981	184	152144	94.442	ng	98
55) Dibenzofuran	10.122	168	678043	47.019	ng	97
56) 4-Nitrophenol	10.039	139	190331	96.665	ng	96
57) 2,4-Dinitrotoluene	10.104	165	178440	49.391	ng	93
58) Fluorene	10.463	166	544134	46.670	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.233	232	153347m	45.687	ng	
60) Diethylphthalate	10.339	149	579285	48.081	ng	98
61) 4-Chlorophenyl-phenyle...	10.451	204	294536	47.530	ng	99
62) 4-Nitroaniline	10.492	138	125242	45.235	ng	93
63) Azobenzene	10.616	77	651833	49.267	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	102297	45.148	ng	91
66) n-Nitrosodiphenylamine	10.575	169	467997	45.728	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	180098	46.205	ng	99
68) Hexachlorobenzene	11.004	284	192472	44.898	ng	97
69) Atrazine	11.104	200	184259	54.010	ng	100
70) Pentachlorophenol	11.204	266	217337	95.522	ng	98
71) Phenanthrene	11.428	178	795811	44.222	ng	98
72) Anthracene	11.480	178	816213	46.322	ng	99
73) Carbazole	11.639	167	705756	46.296	ng	99
74) Di-n-butylphthalate	11.963	149	897275	47.269	ng	100
75) Fluoranthene	12.622	202	886145	44.214	ng	99
77) Benzidine	12.745	184	386993	106.325	ng	99
78) Pyrene	12.851	202	896947	49.701	ng	99
80) Butylbenzylphthalate	13.469	149	351220	55.180	ng	100
81) Benzo(a)anthracene	14.039	228	662103	46.315	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	91593	22.949	ng	99
83) Chrysene	14.080	228	632564	46.882	ng	99
84) Bis(2-ethylhexyl)phtha...	14.021	149	457228	60.242	ng	99
85) Di-n-octyl phthalate	14.639	149	636241	60.053	ng	99
87) Indeno(1,2,3-cd)pyrene	17.039	276	574953	52.931	ng	100
88) Benzo(b)fluoranthene	15.104	252	531425	46.448	ng	99
89) Benzo(k)fluoranthene	15.133	252	502129	44.976	ng	99
90) Benzo(a)pyrene	15.474	252	446813	49.302	ng	98
91) Dibenzo(a,h)anthracene	17.057	278	479434	53.409	ng	100
92) Benzo(g,h,i)perylene	17.498	276	478690	53.952	ng	99

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

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