Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061323\
Data File : BF133730.D
Acq On : 13 Jun 2023 14:45
Operator : CG\JU
Sample : 03103-01MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-8-060823MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023

Quant Time: Jun 13 15:14:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 13 11:26:55 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.834	152	71000	20.000	ng		0.00
21) Naphthalene-d8	8.116	136	224550	20.000	ng		0.00
39) Acenaphthene-d10	9.874	164	98771	20.000	ng		0.00
64) Phenanthrene-d10	11.363	188	209450	20.000	ng		0.00
76) Chrysene-d12	14.015	240	173190	20.000	ng		0.00
86) Perylene-d12	15.480	264	124553	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.451	112	233847	57.339	ng		0.00
7) Phenol-d6	6.463	99	257715	48.546	ng		0.00
23) Nitrobenzene-d5	7.398	82	168743	40.930	ng		0.00
42) 2,4,6-Tribromophenol	10.663	330	70178	56.131	ng		0.00
45) 2-Fluorobiphenyl	9.192	172	279135	40.173	ng		0.00
79) Terphenyl-d14	12.957	244	388227	34.686	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.587	88	68882	38.417	ng		95
3) Pyridine	3.340	79	175357	33.554	ng		97
4) n-Nitrosodimethylamine	3.293	42	125902	43.583	ng		96
6) Aniline	6.516	93	166184m	24.854	ng		
8) 2-Chlorophenol	6.616	128	162374	37.779	ng		98
9) Benzaldehyde	6.381	77	96942	27.524	ng		93
10) Phenol	6.481	94	200142	36.105	ng		98
11) bis(2-Chloroethyl)ether	6.569	93	163394	39.704	ng		96
12) 1,3-Dichlorobenzene	6.775	146	188566	41.063	ng		97
13) 1,4-Dichlorobenzene	6.851	146	186384	40.158	ng		96
14) 1,2-Dichlorobenzene	7.004	146	174978	41.722	ng		99
15) Benzyl Alcohol	6.975	79	148175	35.737	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.110	45	273441	39.197	ng		100
17) 2-Methylphenol	7.086	107	124195	32.601	ng		98
18) Hexachloroethane	7.345	117	67576	42.529	ng		96
19) n-Nitroso-di-n-propyla...	7.245	70	118661	35.132	ng		94
20) 3+4-Methylphenols	7.239	107	155708	31.420	ng	#	81
22) Acetophenone	7.245	105	230547	44.765	ng	#	97
24) Nitrobenzene	7.416	77	171478	41.307	ng		97
25) Isophorone	7.657	82	298356	39.419	ng		99
26) 2-Nitrophenol	7.733	139	78554	42.164	ng		97
27) 2,4-Dimethylphenol	7.769	122	128005	39.862	ng		97
28) bis(2-Chloroethoxy)met...	7.869	93	171913	39.299	ng		100
29) 2,4-Dichlorophenol	7.975	162	115196	36.603	ng		99
30) 1,2,4-Trichlorobenzene	8.057	180	131138	39.938	ng		97
31) Naphthalene	8.139	128	442030	40.405	ng		100
32) Benzoic acid	7.875	122	80038	39.521	ng		91
33) 4-Chloroaniline	8.192	127	102368	21.884	ng		97
34) Hexachlorobutadiene	8.257	225	86492	40.232	ng		98
35) Caprolactam	8.551	113	38364m	36.226	ng		
36) 4-Chloro-3-methylphenol	8.669	107	120466	33.208	ng		99
37) 2-Methylnaphthalene	8.833	142	275128	36.195	ng		99
38) 1-Methylnaphthalene	8.928	142	254005	36.314	ng		99
40) 1,2,4,5-Tetrachloroben...	8.998	216	121430	40.440	ng		98
41) Hexachlorocyclopentadiene	8.980	237	27086	20.242	ng		100
43) 2,4,6-Trichlorophenol	9.110	196	78059	38.902	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	83471	35.757	ng		100
46) 1,1'-Biphenyl	9.292	154	327208	41.075	ng		99
47) 2-Chloronaphthalene	9.322	162	234585	41.053	ng		98
48) 2-Nitroaniline	9.416	65	83946	40.169	ng		94
49) Acenaphthylene	9.739	152	389158	39.129	ng		99
50) Dimethylphthalate	9.592	163	272230	36.925	ng		100
51) 2,6-Dinitrotoluene	9.657	165	58043	38.143	ng	#	72
52) Acenaphthene	9.910	154	247609	42.534	ng		98
53) 3-Nitroaniline	9.827	138	60953	32.914	ng		89
54) 2,4-Dinitrophenol	9.933	184	17659	27.767	ng		89
55) Dibenzofuran	10.080	168	384771	43.316	ng		97
56) 4-Nitrophenol	9.986	139	113937	91.164	ng	#	72
57) 2,4-Dinitrotoluene	10.063	165	79648	41.154	ng		99
58) Fluorene	10.422	166	324493	47.768	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.198	232	72596	41.538	ng	#	94
60) Diethylphthalate	10.292	149	285482	38.047	ng		98
61) 4-Chlorophenyl-phenyle...	10.416	204	129968	38.755	ng		98
62) 4-Nitroaniline	10.439	138	67235	37.030	ng		89
63) Azobenzene	10.574	77	289477	40.753	ng		96
65) 4,6-Dinitro-2-methylph...	10.469	198	12843	12.832	ng		76
66) n-Nitrosodiphenylamine	10.533	169	245643	34.915	ng		98
67) 4-Bromophenyl-phenylether	10.910	248	79285	33.915	ng		92
68) Hexachlorobenzene	10.974	284	94288	38.355	ng		94
69) Atrazine	11.063	200	83417	40.864	ng		98
70) Pentachlorophenol	11.169	266	108560	73.747	ng		99
71) Phenanthrene	11.392	178	753489	70.907	ng		100
72) Anthracene	11.445	178	547270	49.392	ng		100
73) Carbazole	11.598	167	456327	44.219	ng		99
74) Di-n-butylphthalate	11.927	149	501748	37.926	ng		99
75) Fluoranthene	12.592	202	1155099	102.361	ng		99
77) Benzidine	12.710	184	214167	36.852	ng		99
78) Pyrene	12.821	202	1112103	68.932	ng		99
80) Butylbenzylphthalate	13.433	149	244248	35.861	ng		97
81) Benzo(a)anthracene	14.010	228	770839	64.346	ng		97
82) 3,3'-Dichlorobenzidine	13.968	252	154147	38.704	ng		99
83) Chrysene	14.045	228	698497	61.647	ng		99
84) Bis(2-ethylhexyl)phtha...	13.992	149	333877	39.813	ng		99
85) Di-n-octyl phthalate	14.604	149	546605	45.866	ng		97
87) Indeno(1,2,3-cd)pyrene	16.956	276	408326	47.652	ng		99
88) Benzo(b)fluoranthene	15.057	252	644966	85.245	ng		97
89) Benzo(k)fluoranthene	15.086	252	376967	51.147	ng		97
90) Benzo(a)pyrene	15.421	252	457772	65.192	ng		98
91) Dibenzo(a,h)anthracene	16.968	278	259824	36.625	ng		99
92) Benzo(g,h,i)perylene	17.403	276	347563	49.414	ng		97

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

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