Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
Data File : BF134448.D
Acq On : 25 Jul 2023 01:31
Operator : CG\JU
Sample : 03680-01MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023

Quant Time: Jul 25 02:56:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 01:46:04 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.834	152	59339	20.000	ng		0.00
21) Naphthalene-d8	8.116	136	199496	20.000	ng		0.00
39) Acenaphthene-d10	9.875	164	113614	20.000	ng		0.00
64) Phenanthrene-d10	11.369	188	210751	20.000	ng		0.00
76) Chrysene-d12	14.033	240	150091	20.000	ng		0.00
86) Perylene-d12	15.533	264	138621	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	272198	75.789	ng		0.00
7) Phenol-d6	6.481	99	332900	75.653	ng		0.00
23) Nitrobenzene-d5	7.398	82	215531	54.661	ng		0.00
42) 2,4,6-Tribromophenol	10.669	330	105567	65.397	ng		0.00
45) 2-Fluorobiphenyl	9.192	172	401569	46.401	ng		0.00
79) Terphenyl-d14	12.963	244	427467	49.717	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.663	88	63677	41.799	ng		98
3) Pyridine	3.440	79	148991	43.570	ng		96
4) n-Nitrosodimethylamine	3.410	42	106194	52.549	ng		94
6) Aniline	6.504	93	219479	42.320	ng		100
8) 2-Chlorophenol	6.622	128	181466	49.874	ng		97
9) Benzaldehyde	6.392	77	105000	44.558	ng		97
10) Phenol	6.492	94	241666	52.785	ng		98
11) bis(2-Chloroethyl)ether	6.575	93	170502	53.346	ng		93
12) 1,3-Dichlorobenzene	6.775	146	205794	52.598	ng		98
13) 1,4-Dichlorobenzene	6.851	146	208916	51.886	ng		98
14) 1,2-Dichlorobenzene	7.004	146	202914	53.649	ng		97
15) Benzyl Alcohol	6.981	79	170460	50.173	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.110	45	259222	55.075	ng		99
17) 2-Methylphenol	7.092	107	158856	48.955	ng		99
18) Hexachloroethane	7.339	117	82652	53.431	ng		97
19) n-Nitroso-di-n-propyla...	7.245	70	139510	50.929	ng		99
20) 3+4-Methylphenols	7.245	107	198937	47.883	ng		96
22) Acetophenone	7.245	105	278451	56.123	ng		96
24) Nitrobenzene	7.422	77	213702	54.496	ng		98
25) Isophorone	7.657	82	314986	47.932	ng		99
26) 2-Nitrophenol	7.734	139	91093	50.506	ng		99
27) 2,4-Dimethylphenol	7.775	122	142713	50.141	ng		96
28) bis(2-Chloroethoxy)met...	7.863	93	179128	48.972	ng		98
29) 2,4-Dichlorophenol	7.975	162	139124	48.896	ng		96
30) 1,2,4-Trichlorobenzene	8.057	180	155645	50.713	ng		99
31) Naphthalene	8.133	128	475342	47.876	ng		99
32) Benzoic acid	7.904	122	89497	47.074	ng	#	80
33) 4-Chloroaniline	8.186	127	84889	20.684	ng		96
34) Hexachlorobutadiene	8.245	225	100599	48.928	ng		94
35) Caprolactam	8.569	113	46805m	53.798	ng		
36) 4-Chloro-3-methylphenol	8.681	107	164884	50.223	ng		96
37) 2-Methylnaphthalene	8.828	142	366825	53.174	ng		100
38) 1-Methylnaphthalene	8.928	142	343390	53.656	ng		97
40) 1,2,4,5-Tetrachloroben...	8.992	216	181540	50.422	ng		98
41) Hexachlorocyclopentadiene	8.975	237	147751	104.986	ng		90
43) 2,4,6-Trichlorophenol	9.110	196	114182	49.435	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.157	196	119146	44.275	ng	97
46) 1,1'-Biphenyl	9.292	154	461116	49.244	ng	99
47) 2-Chloronaphthalene	9.316	162	334753	48.491	ng	98
48) 2-Nitroaniline	9.422	65	124122	49.925	ng	99
49) Acenaphthylene	9.733	152	551707	47.306	ng	99
50) Dimethylphthalate	9.598	163	424565	50.410	ng	99
51) 2,6-Dinitrotoluene	9.663	165	88922	48.117	ng	97
52) Acenaphthene	9.910	154	328682	47.708	ng	98
53) 3-Nitroaniline	9.833	138	73940	34.897	ng	87
54) 2,4-Dinitrophenol	9.951	184	56810	60.352	ng	96
55) Dibenzofuran	10.080	168	501267	47.274	ng	99
56) 4-Nitrophenol	10.010	139	128357	113.599	ng	95
57) 2,4-Dinitrotoluene	10.075	165	122795	49.471	ng	94
58) Fluorene	10.427	166	363830	42.533	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.204	232	91033m	44.029	ng	
60) Diethylphthalate	10.298	149	405628	46.518	ng	100
61) 4-Chlorophenyl-phenyle...	10.416	204	173334	42.418	ng	99
62) 4-Nitroaniline	10.457	138	82766	38.074	ng	96
63) Azobenzene	10.575	77	339856	42.343	ng	95
65) 4,6-Dinitro-2-methylph...	10.486	198	50281	41.592	ng	95
66) n-Nitrosodiphenylamine	10.539	169	314101	46.845	ng	99
67) 4-Bromophenyl-phenylether	10.910	248	125464	54.335	ng	96
68) Hexachlorobenzene	10.975	284	144261	55.480	ng	98
69) Atrazine	11.069	200	123265	65.938	ng	99
70) Pentachlorophenol	11.174	266	118733	108.807	ng	98
71) Phenanthrene	11.392	178	532583	48.367	ng	99
72) Anthracene	11.445	178	549677	48.366	ng	99
73) Carbazole	11.604	167	585748	54.732	ng	99
74) Di-n-butylphthalate	11.927	149	641820	52.243	ng	99
75) Fluoranthene	12.592	202	585623	45.634	ng	100
77) Benzidine	12.716	184	277607	86.624	ng	98
78) Pyrene	12.821	202	599771	50.257	ng	99
80) Butylbenzylphthalate	13.439	149	242456	50.719	ng	99
81) Benzo(a)anthracene	14.021	228	496829	47.445	ng	99
82) 3,3'-Dichlorobenzidine	13.980	252	110380	33.281	ng	97
83) Chrysene	14.057	228	460027	45.930	ng	98
84) Bis(2-ethylhexyl)phtha...	14.004	149	300212	51.693	ng	99
85) Di-n-octyl phthalate	14.621	149	443893	55.000	ng	99
87) Indeno(1,2,3-cd)pyrene	17.092	276	508520	56.152	ng	99
88) Benzo(b)fluoranthene	15.092	252	419975	48.428	ng	98
89) Benzo(k)fluoranthene	15.121	252	426418	49.999	ng	99
90) Benzo(a)pyrene	15.474	252	376036	46.911	ng	99
91) Dibenzo(a,h)anthracene	17.098	278	420035	57.432	ng	98
92) Benzo(g,h,i)perylene	17.562	276	411999	54.863	ng	99

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

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