Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061523\
Data File : BF133797.D
Acq On : 16 Jun 2023 03:11
Operator : CG\JU
Sample : 03235-05MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
C-ANDREWMSD

Quant Time: Jun 16 04:14:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 15 15:12:57 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	119991	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	458743	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	214486	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	366509	20.000	ng	0.00
76) Chrysene-d12	14.004	240	183952	20.000	ng	0.00
86) Perylene-d12	15.462	264	243279	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	767440	111.345	ng	0.01
7) Phenol-d6	6.469	99	943122	105.122	ng	0.00
23) Nitrobenzene-d5	7.398	82	616897	73.244	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	255198	93.995	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1101626	73.011	ng	0.00
79) Terphenyl-d14	12.945	244	722155	60.745	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.622	88	115128	37.994	ng	99
3) Pyridine	3.363	79	306652	34.720	ng	97
4) n-Nitrosodimethylamine	3.322	42	204568	41.902	ng	99
6) Aniline	6.492	93	442242	39.137	ng	100
8) 2-Chlorophenol	6.616	128	343185	47.247	ng	96
9) Benzaldehyde	6.381	77	185229	31.119	ng	95
10) Phenol	6.481	94	413445	44.133	ng	96
11) bis(2-Chloroethyl)ether	6.569	93	315221	45.324	ng	96
12) 1,3-Dichlorobenzene	6.775	146	364041	46.908	ng	99
13) 1,4-Dichlorobenzene	6.851	146	375229	47.837	ng	96
14) 1,2-Dichlorobenzene	6.998	146	354449	50.009	ng	99
15) Benzyl Alcohol	6.975	79	314210	44.841	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.110	45	523803	44.430	ng	99
17) 2-Methylphenol	7.086	107	271576	42.183	ng	98
18) Hexachloroethane	7.345	117	131781	49.074	ng	97
19) n-Nitroso-di-n-propyla...	7.251	70	226350	39.653	ng	98
20) 3+4-Methylphenols	7.239	107	315705	37.695	ng	93
22) Acetophenone	7.245	105	434572	41.303	ng	99
24) Nitrobenzene	7.416	77	370231	43.655	ng	98
25) Isophorone	7.657	82	666898	43.130	ng	98
26) 2-Nitrophenol	7.734	139	190609	50.080	ng	96
27) 2,4-Dimethylphenol	7.769	122	302151	46.058	ng	100
28) bis(2-Chloroethoxy)met...	7.869	93	390282	43.671	ng	100
29) 2,4-Dichlorophenol	7.975	162	287231	44.674	ng	98
30) 1,2,4-Trichlorobenzene	8.057	180	304973	45.463	ng	96
31) Naphthalene	8.139	128	963584	43.114	ng	100
32) Benzoic acid	7.875	122	144491m	34.923	ng	
33) 4-Chloroaniline	8.186	127	262890	27.509	ng	97
34) Hexachlorobutadiene	8.251	225	189034	43.040	ng	99
35) Caprolactam	8.563	113	86316m	39.897	ng	
36) 4-Chloro-3-methylphenol	8.669	107	309640	41.781	ng	98
37) 2-Methylnaphthalene	8.828	142	636365	40.979	ng	99
38) 1-Methylnaphthalene	8.928	142	593773	41.552	ng	99
40) 1,2,4,5-Tetrachloroben...	8.992	216	298969	45.850	ng	98
41) Hexachlorocyclopentadiene	8.980	237	321367	110.596	ng	97
43) 2,4,6-Trichlorophenol	9.104	196	202373	46.445	ng	98

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44) 2,4,5-Trichlorophenol	9.145	196	212457	41.911	ng		98
46) 1,1'-Biphenyl	9.292	154	799042	46.191	ng		98
47) 2-Chloronaphthalene	9.316	162	579299	46.685	ng		99
48) 2-Nitroaniline	9.416	65	206798	45.569	ng		97
49) Acenaphthylene	9.733	152	949346	43.957	ng		99
50) Dimethylphthalate	9.598	163	689955	43.096	ng		100
51) 2,6-Dinitrotoluene	9.657	165	153695	46.510	ng	#	83
52) Acenaphthene	9.904	154	556274	44.004	ng		99
53) 3-Nitroaniline	9.827	138	141839	35.271	ng		91
54) 2,4-Dinitrophenol	9.933	184	109089	68.445	ng		96
55) Dibenzofuran	10.080	168	840160	43.555	ng		100
56) 4-Nitrophenol	9.992	139	223962	82.521	ng		92
57) 2,4-Dinitrotoluene	10.063	165	190536	45.336	ng		99
58) Fluorene	10.422	166	625691	42.416	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.192	232	167494	44.133	ng		98
60) Diethylphthalate	10.292	149	666138	40.882	ng		99
61) 4-Chlorophenyl-phenyle...	10.410	204	303811	41.719	ng		98
62) 4-Nitroaniline	10.439	138	153404	38.906	ng		96
63) Azobenzene	10.575	77	667197	43.254	ng		98
65) 4,6-Dinitro-2-methylph...	10.469	198	82208	46.940	ng		84
66) n-Nitrosodiphenylamine	10.533	169	558038	45.328	ng		100
67) 4-Bromophenyl-phenylether	10.904	248	186397	45.566	ng		91
68) Hexachlorobenzene	10.969	284	201689	46.886	ng		93
69) Atrazine	11.057	200	171756	48.083	ng		99
70) Pentachlorophenol	11.163	266	170534	66.204	ng		99
71) Phenanthrene	11.386	178	818836	44.036	ng		99
72) Anthracene	11.433	178	824878	42.544	ng		100
73) Carbazole	11.592	167	739698	40.962	ng		98
74) Di-n-butylphthalate	11.921	149	873538	37.734	ng		100
75) Fluoranthene	12.574	202	654549	33.148	ng		99
77) Benzidine	12.698	184	355368	57.571	ng		99
78) Pyrene	12.804	202	655376	38.246	ng		100
80) Butylbenzylphthalate	13.421	149	251852	34.814	ng		99
81) Benzo(a)anthracene	13.992	228	574402	45.143	ng		99
82) 3,3'-Dichlorobenzidine	13.957	252	192986	45.621	ng		99
83) Chrysene	14.027	228	541620	45.005	ng		98
84) Bis(2-ethylhexyl)phtha...	13.980	149	330233	37.074	ng		99
85) Di-n-octyl phthalate	14.592	149	631525	49.892	ng		99
87) Indeno(1,2,3-cd)pyrene	16.927	276	814034	48.637	ng		99
88) Benzo(b)fluoranthene	15.039	252	636958	43.101	ng		98
89) Benzo(k)fluoranthene	15.068	252	616736	42.842	ng		99
90) Benzo(a)pyrene	15.404	252	580260	42.308	ng		99
91) Dibenzo(a,h)anthracene	16.945	278	661971	47.774	ng		99
92) Benzo(g,h,i)perylene	17.374	276	649282	47.261	ng		98

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

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