Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061523\
Data File : BF133789.D
Acq On : 15 Jun 2023 22:57
Operator : CG\JU
Sample : 03117-04MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2GAMSD

Quant Time: Jun 16 03:01:33 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	6.828	152	121139	20.000	ng		0.00
21) Naphthalene-d8	8.116	136	458909	20.000	ng		0.00
39) Acenaphthene-d10	9.869	164	230801	20.000	ng		0.00
64) Phenanthrene-d10	11.357	188	434436	20.000	ng		0.00
76) Chrysene-d12	14.004	240	226312	20.000	ng		0.00
86) Perylene-d12	15.463	264	260117	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.452	112	561071	80.632	ng		0.01
7) Phenol-d6	6.463	99	708468	78.219	ng		0.00
23) Nitrobenzene-d5	7.399	82	486753	57.771	ng		0.00
42) 2,4,6-Tribromophenol	10.663	330	215547	73.779	ng		0.00
45) 2-Fluorobiphenyl	9.193	172	863406	53.178	ng		0.00
79) Terphenyl-d14	12.945	244	826456	56.507	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.634	88	113134	36.982	ng		98
3) Pyridine	3.375	79	280714	31.482	ng		95
4) n-Nitrosodimethylamine	3.334	42	195907	39.747	ng		97
6) Aniline	6.493	93	394973	34.622	ng		100
8) 2-Chlorophenol	6.616	128	318161	43.387	ng		96
9) Benzaldehyde	6.381	77	174872	29.101	ng		99
10) Phenol	6.481	94	388850	41.114	ng		96
11) bis(2-Chloroethyl)ether	6.569	93	289655	41.253	ng		96
12) 1,3-Dichlorobenzene	6.769	146	335188	42.781	ng		97
13) 1,4-Dichlorobenzene	6.851	146	341595	43.136	ng		97
14) 1,2-Dichlorobenzene	6.999	146	327707	45.798	ng		99
15) Benzyl Alcohol	6.975	79	290861	41.116	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.110	45	519467	43.644	ng		99
17) 2-Methylphenol	7.087	107	255676	39.337	ng		99
18) Hexachloroethane	7.340	117	129818	47.885	ng		94
19) n-Nitroso-di-n-propyla...	7.246	70	225773	39.178	ng		97
20) 3+4-Methylphenols	7.240	107	312888	37.005	ng		90
22) Acetophenone	7.246	105	435172	41.345	ng	#	97
24) Nitrobenzene	7.416	77	350045	41.260	ng		97
25) Isophorone	7.657	82	622050	40.215	ng		99
26) 2-Nitrophenol	7.734	139	174372	45.797	ng		97
27) 2,4-Dimethylphenol	7.769	122	268912	40.976	ng		98
28) bis(2-Chloroethoxy)met...	7.869	93	358945	40.150	ng		99
29) 2,4-Dichlorophenol	7.975	162	263883	41.028	ng		98
30) 1,2,4-Trichlorobenzene	8.057	180	278469	41.497	ng		98
31) Naphthalene	8.140	128	896099	40.080	ng		99
32) Benzoic acid	7.899	122	211836m	51.181	ng		
33) 4-Chloroaniline	8.187	127	232308	24.300	ng		98
34) Hexachlorobutadiene	8.251	225	177550	40.411	ng		98
35) Caprolactam	8.569	113	87908m	40.618	ng		
36) 4-Chloro-3-methylphenol	8.669	107	294005	39.657	ng		98
37) 2-Methylnaphthalene	8.828	142	602984	38.815	ng		100
38) 1-Methylnaphthalene	8.928	142	559820	39.162	ng		100
40) 1,2,4,5-Tetrachloroben...	8.998	216	283733	40.438	ng		98
41) Hexachlorocyclopentadiene	8.981	237	338272	108.185	ng		97
43) 2,4,6-Trichlorophenol	9.104	196	193678	41.307	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.145	196	204751	37.536	ng		98
46) 1,1'-Biphenyl	9.293	154	751326	40.363	ng		99
47) 2-Chloronaphthalene	9.322	162	551442	41.299	ng		98
48) 2-Nitroaniline	9.416	65	197717	40.488	ng		99
49) Acenaphthylene	9.734	152	909822	39.149	ng		99
50) Dimethylphthalate	9.598	163	655786	38.066	ng		100
51) 2,6-Dinitrotoluene	9.657	165	146646	41.240	ng	#	78
52) Acenaphthene	9.904	154	532909	39.175	ng		100
53) 3-Nitroaniline	9.828	138	130387	30.131	ng		90
54) 2,4-Dinitrophenol	9.940	184	167957	95.468	ng		98
55) Dibenzofuran	10.081	168	819948	39.502	ng		98
56) 4-Nitrophenol	9.992	139	232067	79.463	ng	#	77
57) 2,4-Dinitrotoluene	10.063	165	191259	42.292	ng		98
58) Fluorene	10.422	166	629058	39.629	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.198	232	172442	42.225	ng		99
60) Diethylphthalate	10.298	149	662039	37.759	ng		99
61) 4-Chlorophenyl-phenyle...	10.416	204	297395	37.951	ng		96
62) 4-Nitroaniline	10.445	138	156256	36.828	ng		98
63) Azobenzene	10.575	77	663718	39.987	ng		98
65) 4,6-Dinitro-2-methylph...	10.475	198	105639	50.887	ng		98
66) n-Nitrosodiphenylamine	10.534	169	558800	38.293	ng		99
67) 4-Bromophenyl-phenylether	10.904	248	185148	38.184	ng		96
68) Hexachlorobenzene	10.969	284	207014	40.599	ng		98
69) Atrazine	11.063	200	177161	41.842	ng		97
70) Pentachlorophenol	11.163	266	209324	68.557	ng		99
71) Phenanthrene	11.387	178	866710	39.322	ng		99
72) Anthracene	11.439	178	874695	38.060	ng		100
73) Carbazole	11.592	167	797489	37.258	ng		100
74) Di-n-butylphthalate	11.922	149	936097	34.114	ng		100
75) Fluoranthene	12.575	202	921080	39.352	ng		98
77) Benzidine	12.698	184	335767	44.214	ng		100
78) Pyrene	12.804	202	895905	42.497	ng		99
80) Butylbenzylphthalate	13.422	149	310615	34.900	ng		99
81) Benzo(a)anthracene	13.992	228	626788	40.040	ng		99
82) 3,3'-Dichlorobenzidine	13.957	252	184413	35.434	ng		98
83) Chrysene	14.028	228	591378	39.942	ng		99
84) Bis(2-ethylhexyl)phtha...	13.980	149	353098	32.221	ng		99
85) Di-n-octyl phthalate	14.592	149	590968	37.949	ng		99
87) Indeno(1,2,3-cd)pyrene	16.933	276	841242	47.009	ng		98
88) Benzo(b)fluoranthene	15.039	252	618555	39.147	ng		98
89) Benzo(k)fluoranthene	15.069	252	596952	38.783	ng		99
90) Benzo(a)pyrene	15.404	252	552285	37.661	ng		99
91) Dibenzo(a,h)anthracene	16.945	278	683075	46.106	ng		98
92) Benzo(g,h,i)perylene	17.374	276	707384	48.157	ng		98

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

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