Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061423\
Data File : BF133761.D
Acq On : 14 Jun 2023 20:26
Operator : CG\JU
Sample : 03092-02MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023

Quant Time: Jun 15 01:30:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 14 16:27:59 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.834	152	137434	20.000	ng		0.00
21) Naphthalene-d8	8.116	136	510719	20.000	ng		0.00
39) Acenaphthene-d10	9.869	164	246688	20.000	ng		0.00
64) Phenanthrene-d10	11.357	188	412401	20.000	ng		0.00
76) Chrysene-d12	14.004	240	247634	20.000	ng		0.00
86) Perylene-d12	15.463	264	255185	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.469	112	766773	97.128	ng		0.02
7) Phenol-d6	6.469	99	886773	86.297	ng		0.00
23) Nitrobenzene-d5	7.398	82	687465	73.316	ng		0.00
42) 2,4,6-Tribromophenol	10.663	330	283457	90.775	ng		0.00
45) 2-Fluorobiphenyl	9.192	172	1218087	70.191	ng		0.00
79) Terphenyl-d14	12.945	244	1054425	65.886	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.757	88	100091	28.839	ng	#	80
3) Pyridine	3.463	79	188398	18.624	ng		98
4) n-Nitrosodimethylamine	3.399	42	195092	34.889	ng		100
6) Aniline	6.493	93	87380	6.751	ng		96
8) 2-Chlorophenol	6.616	128	326997	39.305	ng		97
9) Benzaldehyde	6.381	77	25211	3.698	ng		95
10) Phenol	6.481	94	332964	31.031	ng		98
11) bis(2-Chloroethyl)ether	6.569	93	307844	38.645	ng		96
12) 1,3-Dichlorobenzene	6.775	146	346993	39.037	ng		98
13) 1,4-Dichlorobenzene	6.851	146	353786	39.379	ng		98
14) 1,2-Dichlorobenzene	6.998	146	336803	41.488	ng		99
15) Benzyl Alcohol	6.975	79	276760	34.484	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.110	45	556983	41.248	ng		99
17) 2-Methylphenol	7.087	107	264297	35.842	ng		99
18) Hexachloroethane	7.345	117	129869	42.224	ng		97
19) n-Nitroso-di-n-propyla...	7.245	70	237550	36.334	ng		96
20) 3+4-Methylphenols	7.240	107	309903	32.306	ng	#	83
22) Acetophenone	7.245	105	450269	38.440	ng	#	96
24) Nitrobenzene	7.416	77	361646	38.303	ng		99
25) Isophorone	7.657	82	647113	37.591	ng		98
26) 2-Nitrophenol	7.734	139	178057	42.021	ng		94
27) 2,4-Dimethylphenol	7.769	122	288798	39.542	ng		99
28) bis(2-Chloroethoxy)met...	7.863	93	382440	38.438	ng		98
29) 2,4-Dichlorophenol	7.975	162	273338	38.186	ng		99
30) 1,2,4-Trichlorobenzene	8.057	180	291227	38.996	ng		99
31) Naphthalene	8.139	128	926705	37.244	ng		99
32) Benzoic acid	7.892	122	202337	43.927	ng		93
33) 4-Chloroaniline	8.187	127	21645	2.034	ng	#	94
34) Hexachlorobutadiene	8.251	225	182998	37.426	ng		97
35) Caprolactam	8.557	113	73369m	30.461	ng		
36) 4-Chloro-3-methylphenol	8.669	107	296671	35.957	ng		100
37) 2-Methylnaphthalene	8.828	142	625910	36.204	ng		99
38) 1-Methylnaphthalene	8.928	142	588062	36.965	ng		99
40) 1,2,4,5-Tetrachloroben...	8.992	216	295784	39.440	ng		98
41) Hexachlorocyclopentadiene	8.981	237	287499	86.025	ng		95
43) 2,4,6-Trichlorophenol	9.104	196	198221	39.553	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	209120	35.868	ng		98
46) 1,1'-Biphenyl	9.292	154	793251	39.870	ng		99
47) 2-Chloronaphthalene	9.316	162	577168	40.442	ng		99
48) 2-Nitroaniline	9.416	65	186966	35.821	ng		98
49) Acenaphthylene	9.733	152	917892	36.953	ng		100
50) Dimethylphthalate	9.598	163	702680	38.161	ng		99
51) 2,6-Dinitrotoluene	9.657	165	149433	39.318	ng	#	82
52) Acenaphthene	9.904	154	554351	38.127	ng		98
53) 3-Nitroaniline	9.822	138	21597	4.669	ng	#	95
54) 2,4-Dinitrophenol	9.933	184	142487	76.954	ng		95
55) Dibenzofuran	10.081	168	840565	37.887	ng		100
56) 4-Nitrophenol	9.986	139	193769	62.076	ng	#	82
57) 2,4-Dinitrotoluene	10.063	165	187663	38.824	ng		96
58) Fluorene	10.422	166	623448	36.747	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.192	232	169844	38.910	ng		99
60) Diethylphthalate	10.292	149	697471	37.218	ng		99
61) 4-Chlorophenyl-phenyle...	10.410	204	310351	37.054	ng		97
62) 4-Nitroaniline	10.439	138	102030	22.499	ng		99
63) Azobenzene	10.575	77	637034	35.908	ng		97
65) 4,6-Dinitro-2-methylph...	10.469	198	89040	45.183	ng		89
66) n-Nitrosodiphenylamine	10.533	169	479491	34.614	ng		99
67) 4-Bromophenyl-phenylether	10.904	248	185579	40.318	ng		93
68) Hexachlorobenzene	10.969	284	196935	40.686	ng		96
69) Atrazine	11.057	200	91267	22.707	ng		99
70) Pentachlorophenol	11.163	266	201625	69.563	ng		98
71) Phenanthrene	11.386	178	821754	39.275	ng		100
72) Anthracene	11.433	178	819159	37.548	ng		99
73) Carbazole	11.592	167	628863	30.949	ng		98
74) Di-n-butylphthalate	11.922	149	999380	38.366	ng		100
75) Fluoranthene	12.574	202	740453	33.325	ng		99
77) Benzidine	12.698	184	17625	2.121	ng	#	92
78) Pyrene	12.804	202	742039	32.167	ng		100
80) Butylbenzylphthalate	13.421	149	333331	34.228	ng		99
81) Benzo(a)anthracene	13.992	228	660863	38.582	ng		99
82) 3,3'-Dichlorobenzidine	13.957	252	23352	4.101	ng		95
83) Chrysene	14.033	228	645492	39.843	ng		97
84) Bis(2-ethylhexyl)phtha...	13.980	149	458123	38.206	ng		99
85) Di-n-octyl phthalate	14.598	149	828803	48.639	ng		99
87) Indeno(1,2,3-cd)pyrene	16.927	276	667369	38.014	ng		98
88) Benzo(b)fluoranthene	15.039	252	769395	49.634	ng		97
89) Benzo(k)fluoranthene	15.068	252	659832	43.697	ng		98
90) Benzo(a)pyrene	15.404	252	622174	43.247	ng		99
91) Dibenzo(a,h)anthracene	16.945	278	571113	39.294	ng		98
92) Benzo(g,h,i)perylene	17.368	276	483233	33.533	ng		97

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

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