Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061423\
Data File : BF133760.D
Acq On : 14 Jun 2023 19:54
Operator : CG\JU
Sample : 03092-02MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1MS

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

Quant Time: Jun 15 01:29:41 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	121413	20.000	ng		0.00
21) Naphthalene-d8	8.116	136	458084	20.000	ng		0.00
39) Acenaphthene-d10	9.869	164	231277	20.000	ng		0.00
64) Phenanthrene-d10	11.357	188	378321	20.000	ng		0.00
76) Chrysene-d12	14.004	240	245266	20.000	ng		0.00
86) Perylene-d12	15.462	264	278860	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.469	112	701616	100.602	ng		0.02
7) Phenol-d6	6.469	99	787592	86.758	ng		0.00
23) Nitrobenzene-d5	7.398	82	620125	73.734	ng		0.00
42) 2,4,6-Tribromophenol	10.663	330	271609	92.777	ng		0.00
45) 2-Fluorobiphenyl	9.192	172	1165780	71.653	ng		0.00
79) Terphenyl-d14	12.945	244	1016599	64.136	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.751	88	96488	31.469	ng	#	81
3) Pyridine	3.463	79	157576	17.632	ng		99
4) n-Nitrosodimethylamine	3.398	42	176693	35.768	ng		100
6) Aniline	6.492	93	73289	6.410	ng	#	89
8) 2-Chlorophenol	6.616	128	294687	40.095	ng		99
9) Benzaldehyde	6.381	77	21936	3.642	ng		97
10) Phenol	6.481	94	300420	31.692	ng		98
11) bis(2-Chloroethyl)ether	6.569	93	279144	39.666	ng		96
12) 1,3-Dichlorobenzene	6.775	146	310814	39.581	ng		99
13) 1,4-Dichlorobenzene	6.851	146	317263	39.973	ng		97
14) 1,2-Dichlorobenzene	6.998	146	305120	42.545	ng		99
15) Benzyl Alcohol	6.975	79	253198	35.711	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.110	45	499609	41.881	ng		99
17) 2-Methylphenol	7.087	107	238194	36.564	ng		98
18) Hexachloroethane	7.345	117	118624	43.657	ng		96
19) n-Nitroso-di-n-propyla...	7.245	70	216761	37.529	ng		97
20) 3+4-Methylphenols	7.239	107	283325	33.433	ng	#	84
22) Acetophenone	7.245	105	416280	39.622	ng	#	97
24) Nitrobenzene	7.416	77	328315	38.768	ng		97
25) Isophorone	7.657	82	583853	37.813	ng		98
26) 2-Nitrophenol	7.734	139	160558	42.245	ng		98
27) 2,4-Dimethylphenol	7.769	122	261639	39.940	ng		98
28) bis(2-Chloroethoxy)met...	7.863	93	345468	38.712	ng		99
29) 2,4-Dichlorophenol	7.975	162	242546	37.778	ng		98
30) 1,2,4-Trichlorobenzene	8.057	180	261183	38.991	ng		99
31) Naphthalene	8.139	128	853452	38.241	ng		100
32) Benzoic acid	7.886	122	181618	43.960	ng		96
33) 4-Chloroaniline	8.186	127	19357	2.028	ng		98
34) Hexachlorobutadiene	8.251	225	168845	38.499	ng		98
35) Caprolactam	8.557	113	71305m	33.006	ng		
36) 4-Chloro-3-methylphenol	8.669	107	286335	38.692	ng		99
37) 2-Methylnaphthalene	8.828	142	607763	39.194	ng		99
38) 1-Methylnaphthalene	8.928	142	561755	39.368	ng		98
40) 1,2,4,5-Tetrachloroben...	8.992	216	284499	40.463	ng		99
41) Hexachlorocyclopentadiene	8.980	237	267292	85.308	ng		97
43) 2,4,6-Trichlorophenol	9.104	196	188092	40.033	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	192224	35.167	ng		97
46) 1,1'-Biphenyl	9.292	154	769802	41.270	ng		98
47) 2-Chloronaphthalene	9.316	162	557185	41.643	ng		99
48) 2-Nitroaniline	9.416	65	174671	35.695	ng		98
49) Acenaphthylene	9.733	152	898548	38.584	ng		100
50) Dimethylphthalate	9.592	163	645107	37.369	ng		99
51) 2,6-Dinitrotoluene	9.657	165	141885	39.819	ng	#	84
52) Acenaphthene	9.904	154	527888	38.726	ng		99
53) 3-Nitroaniline	9.822	138	17260	3.980	ng		98
54) 2,4-Dinitrophenol	9.933	184	123768	71.719	ng		97
55) Dibenzofuran	10.080	168	799821	38.453	ng		99
56) 4-Nitrophenol	9.986	139	178905	61.133	ng	#	83
57) 2,4-Dinitrotoluene	10.063	165	177305	39.125	ng		93
58) Fluorene	10.422	166	592744	37.265	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.192	232	159193	38.900	ng		99
60) Diethylphthalate	10.292	149	662452	37.704	ng		98
61) 4-Chlorophenyl-phenyle...	10.410	204	293960	37.435	ng		97
62) 4-Nitroaniline	10.439	138	94851	22.310	ng		99
63) Azobenzene	10.575	77	610770	36.721	ng		97
65) 4,6-Dinitro-2-methylph...	10.469	198	81166	44.898	ng		92
66) n-Nitrosodiphenylamine	10.533	169	474660	37.352	ng		99
67) 4-Bromophenyl-phenylether	10.904	248	174708	41.375	ng		94
68) Hexachlorobenzene	10.969	284	186019	41.893	ng		96
69) Atrazine	11.057	200	92448	25.073	ng		99
70) Pentachlorophenol	11.163	266	183635	69.064	ng		99
71) Phenanthrene	11.386	178	765744	39.895	ng		99
72) Anthracene	11.433	178	771324	38.540	ng		99
73) Carbazole	11.592	167	625483	33.556	ng		98
74) Di-n-butylphthalate	11.921	149	913744	38.238	ng		99
75) Fluoranthene	12.574	202	723298	35.486	ng		99
77) Benzidine	12.698	184	18366	2.232	ng	#	94
78) Pyrene	12.804	202	722991	31.644	ng		99
80) Butylbenzylphthalate	13.421	149	323571	33.547	ng		99
81) Benzo(a)anthracene	13.992	228	666721	39.299	ng		99
82) 3,3'-Dichlorobenzidine	13.957	252	26275	4.659	ng		96
83) Chrysene	14.027	228	647436	40.349	ng		99
84) Bis(2-ethylhexyl)phtha...	13.980	149	456142	38.408	ng		99
85) Di-n-octyl phthalate	14.598	149	831730	49.282	ng		99
87) Indeno(1,2,3-cd)pyrene	16.921	276	681152	35.505	ng		98
88) Benzo(b)fluoranthene	15.039	252	738550	43.599	ng		98
89) Benzo(k)fluoranthene	15.068	252	726454	44.025	ng		98
90) Benzo(a)pyrene	15.404	252	620800	39.488	ng		99
91) Dibenzo(a,h)anthracene	16.945	278	585146	36.841	ng		99
92) Benzo(g,h,i)perylene	17.368	276	501623	31.854	ng		98

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

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