Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110323\
Data File : BF136131.D
Acq On : 03 Nov 2023 18:39
Operator : CG\JU
Sample : 05141-05MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PE-5MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

Quant Time: Nov 04 00:11:00 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 31 01:13:02 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.822	152	95839	20.000	ng		0.00
21) Naphthalene-d8	8.098	136	346631	20.000	ng		0.00
39) Acenaphthene-d10	9.857	164	160658	20.000	ng		0.00
64) Phenanthrene-d10	11.351	188	268122	20.000	ng		0.00
76) Chrysene-d12	14.010	240	211095	20.000	ng		0.00
86) Perylene-d12	15.498	264	271987	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.451	112	537460	88.124	ng		0.00
7) Phenol-d6	6.457	99	638348	84.005	ng		0.00
23) Nitrobenzene-d5	7.386	82	396466	68.949	ng		0.00
42) 2,4,6-Tribromophenol	10.651	330	160426	93.552	ng		0.00
45) 2-Fluorobiphenyl	9.181	172	725412	71.978	ng		0.00
79) Terphenyl-d14	12.945	244	733383	53.990	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.646	88	111196	41.870	ng		98
3) Pyridine	3.393	79	257971	35.588	ng		97
4) n-Nitrosodimethylamine	3.363	42	140935	46.501	ng	#	87
6) Aniline	6.487	93	339725	34.531	ng		98
8) 2-Chlorophenol	6.604	128	297641	45.647	ng		99
9) Benzaldehyde	6.369	77	78853	18.610	ng		97
10) Phenol	6.469	94	335261m	42.656	ng		
11) bis(2-Chloroethyl)ether	6.563	93	277103	45.035	ng		100
12) 1,3-Dichlorobenzene	6.763	146	326562	48.120	ng		99
13) 1,4-Dichlorobenzene	6.839	146	330806	48.640	ng		98
14) 1,2-Dichlorobenzene	6.987	146	310586	48.839	ng		96
15) Benzyl Alcohol	6.963	79	241829	44.883	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.098	45	374234	44.188	ng		99
17) 2-Methylphenol	7.075	107	217526	39.325	ng		96
18) Hexachloroethane	7.334	117	121345	50.763	ng		92
19) n-Nitroso-di-n-propyla...	7.239	70	188665	43.453	ng		98
20) 3+4-Methylphenols	7.228	107	269975	40.025	ng		96
22) Acetophenone	7.234	105	386461	50.279	ng		97
24) Nitrobenzene	7.404	77	287086	49.358	ng		97
25) Isophorone	7.639	82	507843	46.782	ng		99
26) 2-Nitrophenol	7.716	139	147337	55.521	ng	#	88
27) 2,4-Dimethylphenol	7.757	122	206709	41.221	ng		98
28) bis(2-Chloroethoxy)met...	7.857	93	312534	46.988	ng		99
29) 2,4-Dichlorophenol	7.957	162	224733	47.538	ng		96
30) 1,2,4-Trichlorobenzene	8.039	180	266398	51.657	ng		98
31) Naphthalene	8.122	128	815962	48.815	ng		99
32) Benzoic acid	7.869	122	160302	40.767	ng		99
33) 4-Chloroaniline	8.169	127	224057	30.608	ng		99
34) Hexachlorobutadiene	8.239	225	161729	54.684	ng		99
35) Caprolactam	8.545	113	65967m	42.915	ng		
36) 4-Chloro-3-methylphenol	8.651	107	227222	45.782	ng		95
37) 2-Methylnaphthalene	8.816	142	504711	45.032	ng		99
38) 1-Methylnaphthalene	8.916	142	490727	47.049	ng		99
40) 1,2,4,5-Tetrachloroben...	8.981	216	244658	53.397	ng		98
41) Hexachlorocyclopentadiene	8.969	237	262857	107.384	ng		99
43) 2,4,6-Trichlorophenol	9.092	196	149534	50.055	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.133	196	162858	47.061	ng		97
46) 1,1'-Biphenyl	9.281	154	641222	52.357	ng		99
47) 2-Chloronaphthalene	9.304	162	475300	52.644	ng		98
48) 2-Nitroaniline	9.398	65	134930	50.498	ng		95
49) Acenaphthylene	9.722	152	723087	51.338	ng		99
50) Dimethylphthalate	9.586	163	522138	49.271	ng		100
51) 2,6-Dinitrotoluene	9.645	165	116131	51.237	ng		99
52) Acenaphthene	9.892	154	443602	49.543	ng		99
53) 3-Nitroaniline	9.810	138	97618	36.912	ng		90
54) 2,4-Dinitrophenol	9.922	184	105019	84.945	ng		96
55) Dibenzofuran	10.069	168	642367	49.200	ng		98
56) 4-Nitrophenol	9.975	139	178588	90.277	ng		83
57) 2,4-Dinitrotoluene	10.051	165	144870	50.518	ng		91
58) Fluorene	10.410	166	481149	49.220	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.180	232	129599	47.106	ng		98
60) Diethylphthalate	10.286	149	500187	49.399	ng		98
61) 4-Chlorophenyl-phenyle...	10.404	204	237089	48.587	ng		94
62) 4-Nitroaniline	10.427	138	108657	42.668	ng		94
63) Azobenzene	10.563	77	458332	47.002	ng		99
65) 4,6-Dinitro-2-methylph...	10.457	198	70511	47.878	ng		98
66) n-Nitrosodiphenylamine	10.522	169	420004	51.928	ng		98
67) 4-Bromophenyl-phenylether	10.898	248	148540	52.841	ng		96
68) Hexachlorobenzene	10.957	284	165316	55.064	ng		95
69) Atrazine	11.057	200	139813	63.533	ng		95
70) Pentachlorophenol	11.151	266	178324	92.486	ng		97
71) Phenanthrene	11.374	178	699298	51.800	ng		99
72) Anthracene	11.427	178	693913	50.162	ng		99
73) Carbazole	11.586	167	586504	48.790	ng		100
74) Di-n-butylphthalate	11.922	149	733163	53.375	ng		99
75) Fluoranthene	12.569	202	721530	52.026	ng		98
77) Benzidine	12.698	184	367107	89.225	ng		99
78) Pyrene	12.798	202	728830	39.161	ng		99
80) Butylbenzylphthalate	13.433	149	312171	46.859	ng		97
81) Benzo(a)anthracene	13.998	228	694889	49.723	ng		100
82) 3,3'-Dichlorobenzidine	13.963	252	236674	53.061	ng		98
83) Chrysene	14.033	228	673118	48.908	ng		100
84) Bis(2-ethylhexyl)phtha...	13.998	149	423298	54.538	ng	#	97
85) Di-n-octyl phthalate	14.621	149	828066	71.218	ng		99
87) Indeno(1,2,3-cd)pyrene	17.015	276	856077	48.159	ng		97
88) Benzo(b)fluoranthene	15.062	252	785447	48.804	ng		99
89) Benzo(k)fluoranthene	15.092	252	725872	45.583	ng		99
90) Benzo(a)pyrene	15.439	252	707415	47.307	ng		98
91) Dibenzo(a,h)anthracene	17.045	278	709973	48.759	ng		97
92) Benzo(g,h,i)perylene	17.474	276	653630	39.945	ng		98

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

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