Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112723\
Data File : BF136232.D
Acq On : 27 Nov 2023 20:29
Operator : CG\JU
Sample : 05468-04MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-9MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023

Quant Time: Nov 28 04:10:51 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 28 03:04:20 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.804	152	119454	20.000	ng		0.00
21) Naphthalene-d8	8.081	136	511480	20.000	ng		0.00
39) Acenaphthene-d10	9.839	164	259656	20.000	ng		0.00
64) Phenanthrene-d10	11.333	188	460458	20.000	ng		0.00
76) Chrysene-d12	13.986	240	216087	20.000	ng		0.00
86) Perylene-d12	15.468	264	233041	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.463	112	1185920	138.181	ng		0.02
7) Phenol-d6	6.445	99	1341420	125.003	ng		0.00
23) Nitrobenzene-d5	7.369	82	951429	98.296	ng		0.00
42) 2,4,6-Tribromophenol	10.639	330	446636	140.694	ng		0.00
45) 2-Fluorobiphenyl	9.163	172	1987310	97.760	ng		0.00
79) Terphenyl-d14	12.927	244	1610637	85.977	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.787	88	151989	46.804	ng	#	84
3) Pyridine	3.493	79	292157	36.446	ng		98
4) n-Nitrosodimethylamine	3.440	42	199418	49.214	ng		98
6) Aniline	6.475	93	127783	12.598	ng		97
8) 2-Chlorophenol	6.592	128	466245	49.893	ng		96
9) Benzaldehyde	6.363	77	31945	5.341	ng		95
10) Phenol	6.457	94	506767	44.018	ng		95
11) bis(2-Chloroethyl)ether	6.551	93	429106	50.807	ng		97
12) 1,3-Dichlorobenzene	6.751	146	467791	44.111	ng		98
13) 1,4-Dichlorobenzene	6.822	146	480825	44.600	ng		98
14) 1,2-Dichlorobenzene	6.975	146	458033	44.878	ng		98
15) Benzyl Alcohol	6.951	79	393333	52.278	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.081	45	573845	48.916	ng		98
17) 2-Methylphenol	7.063	107	364437	49.605	ng		98
18) Hexachloroethane	7.316	117	166957	44.151	ng		97
19) n-Nitroso-di-n-propyla...	7.222	70	331994	51.727	ng		98
20) 3+4-Methylphenols	7.216	107	457603	47.926	ng		92
22) Acetophenone	7.216	105	701161	52.196	ng	#	95
24) Nitrobenzene	7.386	77	475599	48.487	ng		99
25) Isophorone	7.628	82	898861	51.502	ng		98
26) 2-Nitrophenol	7.704	139	226597	54.219	ng		95
27) 2,4-Dimethylphenol	7.739	122	341327	62.051	ng		98
28) bis(2-Chloroethoxy)met...	7.839	93	546465	51.764	ng		99
29) 2,4-Dichlorophenol	7.939	162	388449	52.354	ng		97
30) 1,2,4-Trichlorobenzene	8.022	180	437192	48.128	ng		99
31) Naphthalene	8.104	128	1429113	49.710	ng		99
32) Benzoic acid	7.863	122	248252	49.519	ng		93
33) 4-Chloroaniline	8.151	127	42667	4.366	ng		96
34) Hexachlorobutadiene	8.222	225	246191	46.325	ng		97
35) Caprolactam	8.528	113	94388m	45.507	ng		
36) 4-Chloro-3-methylphenol	8.639	107	402287	49.992	ng		99
37) 2-Methylnaphthalene	8.798	142	890652	49.387	ng		100
38) 1-Methylnaphthalene	8.898	142	860885	48.935	ng		94
40) 1,2,4,5-Tetrachloroben...	8.963	216	433142	52.416	ng		98
41) Hexachlorocyclopentadiene	8.951	237	467116	146.906	ng		97
43) 2,4,6-Trichlorophenol	9.075	196	280278	52.255	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	285700	48.810	ng		98
46) 1,1'-Biphenyl	9.263	154	1201393	52.468	ng		99
47) 2-Chloronaphthalene	9.286	162	899762	50.600	ng		99
48) 2-Nitroaniline	9.386	65	229356	49.402	ng		90
49) Acenaphthylene	9.704	152	1423652	56.102	ng		99
50) Dimethylphthalate	9.575	163	1071978	54.622	ng		98
51) 2,6-Dinitrotoluene	9.633	165	208718	52.058	ng		89
52) Acenaphthene	9.874	154	818633	51.048	ng		99
53) 3-Nitroaniline	9.792	138	22205	5.582	ng	#	96
54) 2,4-Dinitrophenol	9.904	184	199732	107.114	ng		99
55) Dibenzofuran	10.051	168	1241982	52.047	ng		100
56) 4-Nitrophenol	9.963	139	255406	84.532	ng		97
57) 2,4-Dinitrotoluene	10.033	165	274580	51.271	ng		89
58) Fluorene	10.392	166	953553	50.944	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.169	232	240758	51.696	ng		99
60) Diethylphthalate	10.274	149	1004414	51.163	ng		100
61) 4-Chlorophenyl-phenyle...	10.386	204	460313	50.640	ng		95
62) 4-Nitroaniline	10.416	138	162107	41.630	ng		98
63) Azobenzene	10.551	77	928924	51.040	ng		97
65) 4,6-Dinitro-2-methylph...	10.439	198	126360	50.183	ng		95
66) n-Nitrosodiphenylamine	10.510	169	806863	54.680	ng		100
67) 4-Bromophenyl-phenylether	10.880	248	287492	53.517	ng		95
68) Hexachlorobenzene	10.939	284	327080	52.608	ng	#	92
69) Atrazine	11.039	200	240139	54.860	ng		98
70) Pentachlorophenol	11.139	266	345073	98.188	ng		97
71) Phenanthrene	11.357	178	1389857	53.704	ng		100
72) Anthracene	11.410	178	1414601	54.506	ng		100
73) Carbazole	11.569	167	1040011	47.117	ng		99
74) Di-n-butylphthalate	11.904	149	1588447	57.515	ng		100
75) Fluoranthene	12.551	202	1252089	47.658	ng		98
77) Benzidine	12.674	184	67487	18.999	ng		96
78) Pyrene	12.780	202	1234986	52.186	ng		99
80) Butylbenzylphthalate	13.415	149	465577	63.213	ng		91
81) Benzo(a)anthracene	13.974	228	854422	53.234	ng		99
82) 3,3'-Dichlorobenzidine	13.939	252	113718	29.434	ng		97
83) Chrysene	14.015	228	821364	53.001	ng		99
84) Bis(2-ethylhexyl)phtha...	13.980	149	636161	71.971	ng	#	99
85) Di-n-octyl phthalate	14.598	149	995158	67.028	ng		99
87) Indeno(1,2,3-cd)pyrene	16.974	276	743980	43.005	ng		100
88) Benzo(b)fluoranthene	15.033	252	844626	51.660	ng		99
89) Benzo(k)fluoranthene	15.062	252	718422	46.265	ng		98
90) Benzo(a)pyrene	15.404	252	675886	50.569	ng		98
91) Dibenzo(a,h)anthracene	16.998	278	604465	43.505	ng		98
92) Benzo(g,h,i)perylene	17.427	276	547670	39.393	ng		99

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

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