Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121123\
Data File : BF136496.D
Acq On : 11 Dec 2023 18:13
Operator : CG\JU
Sample : 05551-02MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-110MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

Quant Time: Dec 11 23:44:54 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 06 09:40:27 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.793	152	129014	20.000	ng		-0.01
21) Naphthalene-d8	8.075	136	523931	20.000	ng		0.00
39) Acenaphthene-d10	9.833	164	265681	20.000	ng		0.00
64) Phenanthrene-d10	11.322	188	464973	20.000	ng		0.00
76) Chrysene-d12	13.974	240	230984	20.000	ng		0.00
86) Perylene-d12	15.451	264	253005	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	363365	41.594	ng		0.00
7) Phenol-d6	6.434	99	289008	26.516	ng		-0.01
23) Nitrobenzene-d5	7.357	82	639794	66.015	ng		-0.01
42) 2,4,6-Tribromophenol	10.628	330	310324	94.730	ng		0.00
45) 2-Fluorobiphenyl	9.151	172	1315264	67.550	ng		-0.01
79) Terphenyl-d14	12.916	244	1152945	65.790	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.634	88	54325	15.722	ng		97
3) Pyridine	3.387	79	128147	15.314	ng		93
4) n-Nitrosodimethylamine	3.340	42	58415	16.068	ng		98
6) Aniline	6.463	93	218527	19.839	ng		95
8) 2-Chlorophenol	6.581	128	282930	29.667	ng		98
9) Benzaldehyde	6.351	77	148636	24.564	ng		92
10) Phenol	6.445	94	131958	11.378	ng		97
11) bis(2-Chloroethyl)ether	6.534	93	312708	36.172	ng		98
12) 1,3-Dichlorobenzene	6.734	146	289329	26.976	ng		96
13) 1,4-Dichlorobenzene	6.810	146	300939	27.660	ng		98
14) 1,2-Dichlorobenzene	6.963	146	286603	28.013	ng		98
15) Benzyl Alcohol	6.940	79	189442	25.956	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.069	45	377403	33.943	ng		91
17) 2-Methylphenol	7.057	107	196414	25.492	ng		95
18) Hexachloroethane	7.304	117	99922	26.305	ng		96
19) n-Nitroso-di-n-propyla...	7.210	70	230780	36.705	ng		97
20) 3+4-Methylphenols	7.204	107	206839	21.628	ng	#	52
22) Acetophenone	7.204	105	497018	38.416	ng	#	97
24) Nitrobenzene	7.381	77	344113	35.295	ng		94
25) Isophorone	7.616	82	631148	36.248	ng		98
26) 2-Nitrophenol	7.692	139	180603	37.680	ng		94
27) 2,4-Dimethylphenol	7.734	122	237868	40.248	ng		97
28) bis(2-Chloroethoxy)met...	7.828	93	396385	37.048	ng		98
29) 2,4-Dichlorophenol	7.934	162	269141	34.501	ng		99
30) 1,2,4-Trichlorobenzene	8.016	180	275730	30.312	ng		97
31) Naphthalene	8.098	128	920378	31.855	ng		99
32) Benzoic acid	7.804	122	34385	5.865	ng		94
33) 4-Chloroaniline	8.145	127	125509	12.185	ng		99
34) Hexachlorobutadiene	8.210	225	145642	27.016	ng		98
35) Caprolactam	8.516	113	15575	6.483	ng		98
36) 4-Chloro-3-methylphenol	8.634	107	269261	32.508	ng		98
37) 2-Methylnaphthalene	8.786	142	611755	33.281	ng		96
38) 1-Methylnaphthalene	8.886	142	596955	33.096	ng		98
40) 1,2,4,5-Tetrachloroben...	8.951	216	314573	38.058	ng		99
41) Hexachlorocyclopentadiene	8.939	237	211967	69.220	ng		100
43) 2,4,6-Trichlorophenol	9.069	196	206206	38.314	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	216719	36.078	ng		94
46) 1,1'-Biphenyl	9.251	154	850227	37.610	ng		98
47) 2-Chloronaphthalene	9.275	162	632206	35.930	ng		97
48) 2-Nitroaniline	9.375	65	183549	38.895	ng		99
49) Acenaphthylene	9.692	152	995986	39.736	ng		99
50) Dimethylphthalate	9.563	163	747644	38.222	ng		100
51) 2,6-Dinitrotoluene	9.622	165	167370	38.034	ng		97
52) Acenaphthene	9.863	154	585895	36.477	ng		98
53) 3-Nitroaniline	9.786	138	78165	17.394	ng		96
54) 2,4-Dinitrophenol	9.898	184	135594	60.944	ng	#	87
55) Dibenzofuran	10.039	168	887294	37.815	ng		99
56) 4-Nitrophenol	9.957	139	75854	22.517	ng		97
57) 2,4-Dinitrotoluene	10.028	165	213836	36.733	ng		97
58) Fluorene	10.381	166	690373	36.653	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	180285m	37.469	ng		
60) Diethylphthalate	10.257	149	718157	37.337	ng		98
61) 4-Chlorophenyl-phenyle...	10.375	204	339821	37.009	ng		98
62) 4-Nitroaniline	10.410	138	154274	34.575	ng		98
63) Azobenzene	10.539	77	637698	36.425	ng		99
65) 4,6-Dinitro-2-methylph...	10.433	198	102808	35.702	ng		96
66) n-Nitrosodiphenylamine	10.498	169	612249	41.035	ng		100
67) 4-Bromophenyl-phenylether	10.869	248	214173	39.617	ng		100
68) Hexachlorobenzene	10.928	284	243854	39.028	ng		98
69) Atrazine	11.033	200	195282	45.858	ng		97
70) Pentachlorophenol	11.128	266	238160	67.537	ng		98
71) Phenanthrene	11.351	178	996946	39.009	ng		99
72) Anthracene	11.398	178	1026182	39.865	ng		98
73) Carbazole	11.557	167	844722	37.077	ng		99
74) Di-n-butylphthalate	11.892	149	1062573	38.044	ng		99
75) Fluoranthene	12.539	202	900732	33.632	ng		97
77) Benzidine	12.663	184	114222	27.335	ng		98
78) Pyrene	12.769	202	888253	39.266	ng		99
80) Butylbenzylphthalate	13.398	149	324391	40.283	ng		97
81) Benzo(a)anthracene	13.963	228	622523	38.691	ng		99
82) 3,3'-Dichlorobenzidine	13.927	252	130554	28.940	ng		99
83) Chrysene	14.004	228	603900	38.149	ng		99
84) Bis(2-ethylhexyl)phtha...	13.963	149	429497	43.506	ng		98
85) Di-n-octyl phthalate	14.580	149	684785	46.961	ng		99
87) Indeno(1,2,3-cd)pyrene	16.957	276	731518	41.618	ng		99
88) Benzo(b)fluoranthene	15.021	252	617223	35.681	ng		99
89) Benzo(k)fluoranthene	15.051	252	578798	35.504	ng		98
90) Benzo(a)pyrene	15.392	252	538540	37.697	ng		99
91) Dibenzo(a,h)anthracene	16.980	278	610877	42.423	ng		99
92) Benzo(g,h,i)perylene	17.415	276	594740	40.240	ng		98

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

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