Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100324\
Data File : BF139636.D
Acq On : 03 Oct 2024 17:29
Operator : RC/JU
Sample : P4190-04MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-TMS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024

Quant Time: Oct 03 18:03:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 02 04:58:47 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	89373	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	340334	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	189635	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	355376	20.000	ng	0.00
76) Chrysene-d12	14.027	240	189160	20.000	ng	0.00
86) Perylene-d12	15.498	264	185966	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	671354	130.198	ng	0.02
7) Phenol-d6	6.504	99	842315	121.472	ng	0.00
23) Nitrobenzene-d5	7.434	82	630400	93.782	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	250374	136.770	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1126063	91.160	ng	0.00
79) Terphenyl-d14	12.975	244	1175074	101.929	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.811	88	94243	42.274	ng	# 80
3) Pyridine	3.522	79	204255	37.673	ng	98
4) n-Nitrosodimethylamine	3.463	42	166982	47.051	ng	97
6) Aniline	6.534	93	190802	31.008	ng	94
8) 2-Chlorophenol	6.657	128	268273	48.561	ng	97
9) Benzaldehyde	6.416	77	11325	3.083	ng	96
10) Phenol	6.516	94	316149	43.359	ng	97
11) bis(2-Chloroethyl)ether	6.604	93	267491	45.057	ng	99
12) 1,3-Dichlorobenzene	6.810	146	270333	43.498	ng	99
13) 1,4-Dichlorobenzene	6.887	146	274799	43.658	ng	100
14) 1,2-Dichlorobenzene	7.034	146	265063	44.932	ng	99
15) Benzyl Alcohol	7.010	79	264578	49.937	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.140	45	485496	47.239	ng	93
17) 2-Methylphenol	7.122	107	217972	47.262	ng	99
18) Hexachloroethane	7.375	117	104241	44.400	ng	97
19) n-Nitroso-di-n-propyla...	7.281	70	207313	46.502	ng	100
20) 3+4-Methylphenols	7.275	107	270229	46.649	ng	98
22) Acetophenone	7.275	105	379548	46.983	ng	99
24) Nitrobenzene	7.451	77	316136	45.418	ng	100
25) Isophorone	7.687	82	567036	47.495	ng	99
26) 2-Nitrophenol	7.763	139	145253	48.542	ng	98
27) 2,4-Dimethylphenol	7.804	122	214277m	58.495	ng	
28) bis(2-Chloroethoxy)met...	7.898	93	331094	46.442	ng	99
29) 2,4-Dichlorophenol	8.010	162	230915	48.328	ng	98
30) 1,2,4-Trichlorobenzene	8.087	180	233968	43.299	ng	99
31) Naphthalene	8.169	128	792794	45.561	ng	100
32) Benzoic acid	7.928	122	165488	45.432	ng	99
33) 4-Chloroaniline	8.216	127	76875	13.052	ng	99
34) Hexachlorobutadiene	8.281	225	150298	42.981	ng	99
35) Caprolactam	8.593	113	67281m	42.931	ng	
36) 4-Chloro-3-methylphenol	8.704	107	258461	47.785	ng	98
37) 2-Methylnaphthalene	8.863	142	527633	46.557	ng	99
38) 1-Methylnaphthalene	8.957	142	491602	44.377	ng	100
40) 1,2,4,5-Tetrachloroben...	9.028	216	245550	46.630	ng	99
41) Hexachlorocyclopentadiene	9.010	237	269061	166.636	ng	99
43) 2,4,6-Trichlorophenol	9.140	196	172603	48.622	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	182348	47.632	ng	97
46) 1,1'-Biphenyl	9.328	154	665634	47.193	ng	100
47) 2-Chloronaphthalene	9.351	162	496231	46.931	ng	99
48) 2-Nitroaniline	9.445	65	189384	49.895	ng	98
49) Acenaphthylene	9.769	152	822285	51.136	ng	100
50) Dimethylphthalate	9.628	163	616174	49.637	ng	100
51) 2,6-Dinitrotoluene	9.692	165	132801	47.358	ng	94
52) Acenaphthene	9.939	154	593578m	53.770	ng	
53) 3-Nitroaniline	9.857	138	78430	27.369	ng	99
54) 2,4-Dinitrophenol	9.969	184	170974	113.357	ng	99
55) Dibenzofuran	10.110	168	744273	48.153	ng	100
56) 4-Nitrophenol	10.028	139	198788	90.966	ng	97
57) 2,4-Dinitrotoluene	10.092	165	180959	49.369	ng	99
58) Fluorene	10.451	166	584687	47.495	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.228	232	160327	51.852	ng	98
60) Diethylphthalate	10.328	149	609365	47.525	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	286971	46.595	ng	97
62) 4-Nitroaniline	10.475	138	133494	45.542	ng	98
63) Azobenzene	10.604	77	612606	47.509	ng	99
65) 4,6-Dinitro-2-methylph...	10.504	198	104136	51.884	ng	97
66) n-Nitrosodiphenylamine	10.563	169	505373	48.245	ng	99
67) 4-Bromophenyl-phenylether	10.934	248	170509	46.796	ng	99
68) Hexachlorobenzene	10.998	284	187023	46.256	ng	100
69) Atrazine	11.092	200	143114	50.921	ng	99
70) Pentachlorophenol	11.198	266	247626	102.855	ng	98
71) Phenanthrene	11.416	178	831580	49.628	ng	99
72) Anthracene	11.469	178	841521	50.764	ng	99
73) Carbazole	11.622	167	759654	47.713	ng	100
74) Di-n-butylphthalate	11.951	149	935403	48.314	ng	99
75) Fluoranthene	12.604	202	854081	46.628	ng	100
77) Benzidine	12.722	184	90945	27.257	ng	98
78) Pyrene	12.833	202	866834	51.236	ng	100
80) Butylbenzylphthalate	13.445	149	327735	54.157	ng	99
81) Benzo(a)anthracene	14.022	228	623660	50.147	ng	100
82) 3,3'-Dichlorobenzidine	13.980	252	138650	36.428	ng	97
83) Chrysene	14.057	228	551308	48.487	ng	100
84) Bis(2-ethylhexyl)phtha...	14.004	149	428519	56.708	ng	100
85) Di-n-octyl phthalate	14.616	149	617910	55.661	ng	100
87) Indeno(1,2,3-cd)pyrene	16.974	276	639022	58.382	ng	99
88) Benzo(b)fluoranthene	15.069	252	590465	49.106	ng	99
89) Benzo(k)fluoranthene	15.098	252	458301	44.932	ng	100
90) Benzo(a)pyrene	15.439	252	505301	53.296	ng	99
91) Dibenzo(a,h)anthracene	16.992	278	530632	58.450	ng	99
92) Benzo(g,h,i)perylene	17.421	276	491143	53.944	ng	99

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

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