Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101524\
Data File : BF139813.D
Acq On : 15 Oct 2024 15:39
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF101524

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/16/2024

Quant Time: Oct 15 16:44:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 15 16:41:54 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	111286	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	411986	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	217368	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	348296	20.000	ng	0.00
76) Chrysene-d12	14.015	240	161894	20.000	ng	0.00
86) Perylene-d12	15.480	264	219472	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	513534	77.861	ng	0.00
7) Phenol-d6	6.492	99	682079	77.760	ng	0.00
23) Nitrobenzene-d5	7.422	82	619110	77.347	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	145412	79.319	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1090178	75.014	ng	0.00
79) Terphenyl-d14	12.957	244	695149	81.589	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.593	88	110490	38.500	ng	99
3) Pyridine	3.351	79	278232	39.616	ng	97
4) n-Nitrosodimethylamine	3.310	42	164530	39.447	ng	100
6) Aniline	6.522	93	303690	40.182	ng	100
8) 2-Chlorophenol	6.645	128	270966	38.912	ng	98
9) Benzaldehyde	6.410	77	195045	39.588	ng	100
10) Phenol	6.504	94	359536	39.048	ng	100
11) bis(2-Chloroethyl)ether	6.592	93	267740	38.993	ng	100
12) 1,3-Dichlorobenzene	6.798	146	301741	38.324	ng	99
13) 1,4-Dichlorobenzene	6.875	146	302538	38.305	ng	100
14) 1,2-Dichlorobenzene	7.028	146	287576	39.243	ng	99
15) Benzyl Alcohol	6.998	79	245788	38.932	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.128	45	463669	38.534	ng	100
17) 2-Methylphenol	7.110	107	220444	39.132	ng	99
18) Hexachloroethane	7.363	117	111802	39.072	ng	99
19) n-Nitroso-di-n-propyla...	7.269	70	196704	38.509	ng	99
20) 3+4-Methylphenols	7.263	107	271140	38.278	ng	97
22) Acetophenone	7.269	105	366951	37.953	ng	100
24) Nitrobenzene	7.439	77	328836	39.408	ng	99
25) Isophorone	7.681	82	532254	38.964	ng	99
26) 2-Nitrophenol	7.757	139	146499	40.323	ng	98
27) 2,4-Dimethylphenol	7.792	122	171081	38.752	ng	99
28) bis(2-Chloroethoxy)met...	7.886	93	324312	38.685	ng	100
29) 2,4-Dichlorophenol	7.998	162	223724	39.075	ng	98
30) 1,2,4-Trichlorobenzene	8.081	180	252670	38.760	ng	100
31) Naphthalene	8.157	128	817161	38.486	ng	100
32) Benzoic acid	7.922	122	175564	43.071	ng	97
33) 4-Chloroaniline	8.210	127	272362	39.115	ng	100
34) Hexachlorobutadiene	8.269	225	159130	38.469	ng	100
35) Caprolactam	8.586	113	64884	40.138	ng	98
36) 4-Chloro-3-methylphenol	8.692	107	239594	39.405	ng	99
37) 2-Methylnaphthalene	8.845	142	507384	38.115	ng	98
38) 1-Methylnaphthalene	8.945	142	502918	38.807	ng	100
40) 1,2,4,5-Tetrachloroben...	9.016	216	241935	38.321	ng	99
41) Hexachlorocyclopentadiene	8.998	237	52740	38.537	ng	99
43) 2,4,6-Trichlorophenol	9.128	196	159391	39.713	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	169444	39.399	ng	99
46) 1,1'-Biphenyl	9.316	154	632519	38.486	ng	100
47) 2-Chloronaphthalene	9.339	162	483112	38.474	ng	99
48) 2-Nitroaniline	9.433	65	162404	39.615	ng	100
49) Acenaphthylene	9.751	152	712148	38.616	ng	99
50) Dimethylphthalate	9.616	163	518080	38.938	ng	99
51) 2,6-Dinitrotoluene	9.680	165	119906	39.497	ng	99
52) Acenaphthene	9.928	154	444203m	38.023	ng	
53) 3-Nitroaniline	9.845	138	118964	39.304	ng	99
54) 2,4-Dinitrophenol	9.957	184	52276	42.373	ng	98
55) Dibenzofuran	10.098	168	677125	38.653	ng	100
56) 4-Nitrophenol	10.010	139	76186	41.811	ng	99
57) 2,4-Dinitrotoluene	10.080	165	151974	40.548	ng	99
58) Fluorene	10.439	166	518827	38.055	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	125769	39.326	ng	99
60) Diethylphthalate	10.310	149	497412	38.426	ng	99
61) 4-Chlorophenyl-phenyle...	10.428	204	253730	37.663	ng	100
62) 4-Nitroaniline	10.457	138	108491	39.190	ng	99
63) Azobenzene	10.592	77	532028	39.424	ng	99
65) 4,6-Dinitro-2-methylph...	10.492	198	75757	41.459	ng	98
66) n-Nitrosodiphenylamine	10.551	169	428010	38.849	ng	100
67) 4-Bromophenyl-phenylether	10.922	248	146371	39.007	ng	99
68) Hexachlorobenzene	10.986	284	158795	37.830	ng	98
69) Atrazine	11.069	200	63885	31.061	ng	98
70) Pentachlorophenol	11.180	266	73457	40.920	ng	100
71) Phenanthrene	11.398	178	635234	38.182	ng	99
72) Anthracene	11.451	178	615794	37.668	ng	99
73) Carbazole	11.610	167	535371	37.015	ng	100
74) Di-n-butylphthalate	11.933	149	597954	38.047	ng	99
75) Fluoranthene	12.586	202	558441	35.576	ng	100
77) Benzidine	12.710	184	126179	46.657	ng	98
78) Pyrene	12.816	202	545293	34.263	ng	99
80) Butylbenzylphthalate	13.427	149	164903	38.220	ng	97
81) Benzo(a)anthracene	14.004	228	413770	38.478	ng	100
82) 3,3'-Dichlorobenzidine	13.963	252	149262	41.659	ng	98
83) Chrysene	14.039	228	384428	39.222	ng	100
84) Bis(2-ethylhexyl)phtha...	13.986	149	220397	39.601	ng	99
85) Di-n-octyl phthalate	14.598	149	433226	41.841	ng	100
87) Indeno(1,2,3-cd)pyrene	16.956	276	565785	38.498	ng	100
88) Benzo(b)fluoranthene	15.051	252	506650	40.246	ng	99
89) Benzo(k)fluoranthene	15.080	252	410266	36.722	ng	99
90) Benzo(a)pyrene	15.421	252	427716	38.898	ng	100
91) Dibenzo(a,h)anthracene	16.968	278	463538	38.461	ng	100
92) Benzo(g,h,i)perylene	17.398	276	478827	37.880	ng	98

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

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