Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090424\
Data File : BF139248.D
Acq On : 04 Sep 2024 19:18
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 09/05/2024
Supervised By :mohammad ahmed 09/06/2024

Quant Time: Sep 05 04:33:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 04 16:11:43 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	122842	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	457094	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	250967	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	444573	20.000	ng	0.00
76) Chrysene-d12	14.051	240	207679	20.000	ng	0.00
86) Perylene-d12	15.521	264	221231	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	585090	79.678	ng	0.00
7) Phenol-d6	6.516	99	778358	79.400	ng	0.00
23) Nitrobenzene-d5	7.451	82	702955	80.005	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	170232	78.551	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1224992	75.346	ng	0.00
79) Terphenyl-d14	12.998	244	1026144	79.777	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	133237	38.963	ng	97
3) Pyridine	3.422	79	331624	40.175	ng	100
4) n-Nitrosodimethylamine	3.381	42	215736	40.247	ng	100
6) Aniline	6.551	93	363631	40.338	ng	99
8) 2-Chlorophenol	6.675	128	303024	39.818	ng	98
9) Benzaldehyde	6.440	77	237836	40.080	ng	100
10) Phenol	6.528	94	416978	40.326	ng	99
11) bis(2-Chloroethyl)ether	6.628	93	291020	39.285	ng	100
12) 1,3-Dichlorobenzene	6.828	146	338894	39.342	ng	98
13) 1,4-Dichlorobenzene	6.904	146	339535	39.381	ng	99
14) 1,2-Dichlorobenzene	7.063	146	317329	39.463	ng	99
15) Benzyl Alcohol	7.028	79	286523	40.078	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.163	45	558998	39.639	ng	99
17) 2-Methylphenol	7.140	107	248293	39.941	ng	99
18) Hexachloroethane	7.404	117	122940	39.924	ng	99
19) n-Nitroso-di-n-propyla...	7.304	70	225429	39.928	ng	99
20) 3+4-Methylphenols	7.293	107	315507	40.270	ng	96
22) Acetophenone	7.298	105	423363	38.878	ng	99
24) Nitrobenzene	7.475	77	365562	39.199	ng	99
25) Isophorone	7.710	82	589480	39.242	ng	100
26) 2-Nitrophenol	7.787	139	156475	42.720	ng	100
27) 2,4-Dimethylphenol	7.822	122	205026	39.248	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	350499	39.163	ng	99
29) 2,4-Dichlorophenol	8.028	162	251813	40.260	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	280428	39.256	ng	99
31) Naphthalene	8.193	128	904668	39.082	ng	100
32) Benzoic acid	7.928	122	195221	41.028	ng	99
33) 4-Chloroaniline	8.240	127	310863	38.785	ng	99
34) Hexachlorobutadiene	8.310	225	179624	39.682	ng	99
35) Caprolactam	8.610	113	78064	40.315	ng	97
36) 4-Chloro-3-methylphenol	8.716	107	274325	40.248	ng	99
37) 2-Methylnaphthalene	8.887	142	563878	38.935	ng	98
38) 1-Methylnaphthalene	8.987	142	555054	38.969	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	272703	38.406	ng	98
41) Hexachlorocyclopentadiene	9.034	237	87179	38.204	ng	98
43) 2,4,6-Trichlorophenol	9.157	196	175402	37.755	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	199771	41.034	ng	99
46) 1,1'-Biphenyl	9.351	154	707496	38.049	ng	100
47) 2-Chloronaphthalene	9.375	162	539331	38.413	ng	99
48) 2-Nitroaniline	9.469	65	196156	40.561	ng	99
49) Acenaphthylene	9.787	152	814068	38.496	ng	100
50) Dimethylphthalate	9.651	163	588407	38.683	ng	100
51) 2,6-Dinitrotoluene	9.710	165	138700	40.193	ng	99
52) Acenaphthene	9.963	154	531489	37.894	ng	99
53) 3-Nitroaniline	9.881	138	145090	39.463	ng	99
54) 2,4-Dinitrophenol	9.981	184	59253	37.216	ng	86
55) Dibenzofuran	10.134	168	769143	38.249	ng	100
56) 4-Nitrophenol	10.028	139	103969	38.313	ng	98
57) 2,4-Dinitrotoluene	10.110	165	181395	41.299	ng	98
58) Fluorene	10.475	166	587820	37.703	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	151353	39.495	ng	100
60) Diethylphthalate	10.345	149	585027	39.082	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	285091	37.918	ng	100
62) 4-Nitroaniline	10.492	138	137043	39.158	ng	98
63) Azobenzene	10.628	77	601203	38.106	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	82082	39.958	ng	97
66) n-Nitrosodiphenylamine	10.586	169	505332	39.049	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	168111	38.974	ng	98
68) Hexachlorobenzene	11.022	284	196453	39.785	ng	99
69) Atrazine	11.110	200	109693	36.740	ng	100
70) Pentachlorophenol	11.210	266	115374	40.448	ng	99
71) Phenanthrene	11.439	178	799790	38.510	ng	99
72) Anthracene	11.486	178	789961	38.937	ng	100
73) Carbazole	11.639	167	738142	38.928	ng	100
74) Di-n-butylphthalate	11.975	149	797551	41.079	ng	100
75) Fluoranthene	12.622	202	809689	38.887	ng	99
77) Benzidine	12.745	184	184482	44.117	ng	99
78) Pyrene	12.851	202	798273	39.790	ng	100
80) Butylbenzylphthalate	13.475	149	205455	43.503	ng	97
81) Benzo(a)anthracene	14.039	228	520682	39.263	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	158455	44.993	ng	99
83) Chrysene	14.075	228	482979	39.023	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	228069	41.143	ng	99
85) Di-n-octyl phthalate	14.645	149	435213	41.008	ng	99
87) Indeno(1,2,3-cd)pyrene	17.004	276	459395	33.240	ng	99
88) Benzo(b)fluoranthene	15.092	252	493277	38.717	ng	99
89) Benzo(k)fluoranthene	15.121	252	491621m	43.036	ng	
90) Benzo(a)pyrene	15.463	252	440720	40.738	ng	98
91) Dibenzo(a,h)anthracene	17.021	278	377193	33.118	ng	99
92) Benzo(g,h,i)perylene	17.451	276	366739	31.195	ng	99

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

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