Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110824\
Data File : BF140286.D
Acq On : 08 Nov 2024 09:35
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024

Quant Time: Nov 08 20:32:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 05 16:47:56 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	203786	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	760595	20.000	ng		0.00
39) Acenaphthene-d10	9.922	164	473134	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	883136	20.000	ng		0.00
76) Chrysene-d12	14.063	240	554697	20.000	ng		0.00
86) Perylene-d12	15.551	264	449723	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.492	112	938097	76.287	ng		0.00
7) Phenol-d6	6.510	99	1186306	75.003	ng		0.00
23) Nitrobenzene-d5	7.445	82	1150741	75.221	ng		0.00
42) 2,4,6-Tribromophenol	10.716	330	421256	90.076	ng		0.00
45) 2-Fluorobiphenyl	9.239	172	2129477	71.869	ng		0.00
79) Terphenyl-d14	12.998	244	2575305	76.054	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.663	88	207856	36.766	ng		94
3) Pyridine	3.428	79	521841	37.829	ng		94
4) n-Nitrosodimethylamine	3.387	42	278952	35.025	ng		92
6) Aniline	6.545	93	553822	38.756	ng		97
8) 2-Chlorophenol	6.669	128	499157	38.795	ng		94
9) Benzaldehyde	6.434	77	347955	35.713	ng		95
10) Phenol	6.522	94	644318	38.356	ng		96
11) bis(2-Chloroethyl)ether	6.616	93	491189	38.491	ng		96
12) 1,3-Dichlorobenzene	6.822	146	577084	38.274	ng		98
13) 1,4-Dichlorobenzene	6.898	146	586732	38.584	ng		98
14) 1,2-Dichlorobenzene	7.051	146	543077	38.237	ng		97
15) Benzyl Alcohol	7.022	79	463586	38.021	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.151	45	735250	35.595	ng		98
17) 2-Methylphenol	7.128	107	417798	38.926	ng		98
18) Hexachloroethane	7.392	117	216032	38.138	ng		99
19) n-Nitroso-di-n-propyla...	7.292	70	379640	37.624	ng		97
20) 3+4-Methylphenols	7.281	107	516461	38.313	ng		92
22) Acetophenone	7.292	105	701607	37.205	ng	#	92
24) Nitrobenzene	7.463	77	605556	37.724	ng		97
25) Isophorone	7.698	82	1016109	38.575	ng		99
26) 2-Nitrophenol	7.775	139	267998	41.971	ng		97
27) 2,4-Dimethylphenol	7.810	122	350540	40.353	ng		96
28) bis(2-Chloroethoxy)met...	7.910	93	615707	39.059	ng		100
29) 2,4-Dichlorophenol	8.016	162	434179	40.401	ng		100
30) 1,2,4-Trichlorobenzene	8.104	180	504626	39.186	ng		99
31) Naphthalene	8.186	128	1487299	37.868	ng		100
32) Benzoic acid	7.939	122	330883m	46.413	ng		
33) 4-Chloroaniline	8.228	127	522010	40.371	ng		99
34) Hexachlorobutadiene	8.298	225	342491	39.292	ng		99
35) Caprolactam	8.616	113	144066	44.068	ng		94
36) 4-Chloro-3-methylphenol	8.710	107	490147	40.964	ng		98
37) 2-Methylnaphthalene	8.875	142	1013676	39.546	ng		99
38) 1-Methylnaphthalene	8.975	142	988430	39.341	ng		100
40) 1,2,4,5-Tetrachloroben...	9.039	216	517432	37.357	ng		99
41) Hexachlorocyclopentadiene	9.028	237	165200	42.563	ng		99
43) 2,4,6-Trichlorophenol	9.151	196	342791	39.937	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	367140	40.681	ng	97
46) 1,1'-Biphenyl	9.339	154	1266676	37.038	ng	100
47) 2-Chloronaphthalene	9.363	162	960554	37.318	ng	100
48) 2-Nitroaniline	9.463	65	325729	37.840	ng	91
49) Acenaphthylene	9.780	152	1398581	38.379	ng	99
50) Dimethylphthalate	9.645	163	1149813	39.460	ng	100
51) 2,6-Dinitrotoluene	9.704	165	280779	40.994	ng	97
52) Acenaphthene	9.957	154	1004326	38.856	ng	98
53) 3-Nitroaniline	9.875	138	265806	41.214	ng	97
54) 2,4-Dinitrophenol	9.980	184	144722	45.886	ng	88
55) Dibenzofuran	10.127	168	1383066	38.265	ng	98
56) 4-Nitrophenol	10.033	139	206826	45.610	ng	91
57) 2,4-Dinitrotoluene	10.110	165	373934	42.071	ng	94
58) Fluorene	10.469	166	1097033	38.130	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	315545	42.681	ng	95
60) Diethylphthalate	10.345	149	1159805	40.054	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	567981	39.170	ng	96
62) 4-Nitroaniline	10.498	138	273777	42.717	ng	93
63) Azobenzene	10.622	77	1130142	37.651	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	215186	46.394	ng	94
66) n-Nitrosodiphenylamine	10.580	169	947488	37.302	ng	100
67) 4-Bromophenyl-phenylether	10.951	248	380930	40.056	ng	98
68) Hexachlorobenzene	11.022	284	432918	39.937	ng	95
69) Atrazine	11.110	200	295714	42.553	ng	98
70) Pentachlorophenol	11.216	266	272122	46.750	ng	98
71) Phenanthrene	11.439	178	1584046	37.585	ng	100
72) Anthracene	11.486	178	1557749	37.693	ng	100
73) Carbazole	11.639	167	1457805	38.605	ng	100
74) Di-n-butylphthalate	11.969	149	1798358	40.233	ng	100
75) Fluoranthene	12.627	202	1741669	39.521	ng	100
77) Benzidine	12.745	184	647454	59.699	ng	99
78) Pyrene	12.857	202	1762533	38.483	ng	100
80) Butylbenzylphthalate	13.474	149	696868	42.255	ng	94
81) Benzo(a)anthracene	14.051	228	1395652	39.206	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	448543	40.124	ng	98
83) Chrysene	14.086	228	1254355	37.628	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	945616	40.911	ng	99
85) Di-n-octyl phthalate	14.657	149	1398566	40.200	ng	97
87) Indeno(1,2,3-cd)pyrene	17.068	276	1025437	38.844	ng	99
88) Benzo(b)fluoranthene	15.115	252	1065085	39.154	ng	99
89) Benzo(k)fluoranthene	15.145	252	1035691	41.491	ng	100
90) Benzo(a)pyrene	15.492	252	893622	39.843	ng	99
91) Dibenzo(a,h)anthracene	17.086	278	836436	38.512	ng	99
92) Benzo(g,h,i)perylene	17.527	276	849919	38.361	ng	99

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

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