Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120624\
Data File : BF140770.D
Acq On : 06 Dec 2024 16:50
Operator : RC/JU
Sample : P5095-04MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-764MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/10/2024
Supervised By :mohammad ahmed 12/10/2024

Quant Time: Dec 06 16:20:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	69745	20.000	ng		0.00
21) Naphthalene-d8	8.151	136	259192	20.000	ng		0.00
39) Acenaphthene-d10	9.904	164	145737	20.000	ng		-0.01
64) Phenanthrene-d10	11.398	188	248438	20.000	ng		0.00
76) Chrysene-d12	14.062	240	144492	20.000	ng		0.01
86) Perylene-d12	15.592	264	158613	20.000	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	593830	145.272	ng		0.02
7) Phenol-d6	6.522	99	718862	133.023	ng		0.00
23) Nitrobenzene-d5	7.439	82	538077	106.187	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	243130	155.986	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	1091179	111.557	ng		-0.01
79) Terphenyl-d14	12.986	244	965410	104.038	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.798	88	74271	43.214	ng	#	82
3) Pyridine	3.551	79	139720	36.949	ng		98
4) n-Nitrosodimethylamine	3.469	42	102362	46.057	ng		89
6) Aniline	6.545	93	52937	13.917	ng	#	1
8) 2-Chlorophenol	6.669	128	235411	53.530	ng		94
9) Benzaldehyde	6.428	77	35726	12.488	ng		98
10) Phenol	6.534	94	250822	45.448	ng		88
11) bis(2-Chloroethyl)ether	6.604	93	226195	53.560	ng		99
12) 1,3-Dichlorobenzene	6.810	146	224838	45.500	ng		98
13) 1,4-Dichlorobenzene	6.886	146	228563	45.681	ng		99
14) 1,2-Dichlorobenzene	7.039	146	220987	47.134	ng		100
15) Benzyl Alcohol	7.022	79	209800	52.350	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.139	45	266587	53.432	ng	#	63
17) 2-Methylphenol	7.139	107	180761	51.347	ng		94
18) Hexachloroethane	7.375	117	83616	44.745	ng		97
19) n-Nitroso-di-n-propyla...	7.286	70	176004	55.108	ng		96
20) 3+4-Methylphenols	7.298	107	244439	54.021	ng	#	60
22) Acetophenone	7.281	105	335726	53.130	ng	#	91
24) Nitrobenzene	7.457	77	258945	49.444	ng		97
25) Isophorone	7.692	82	470201	55.633	ng		99
26) 2-Nitrophenol	7.769	139	128967	55.568	ng		97
27) 2,4-Dimethylphenol	7.810	122	195110m	70.262	ng		
28) bis(2-Chloroethoxy)met...	7.898	93	284105	55.178	ng		99
29) 2,4-Dichlorophenol	8.028	162	204337	55.533	ng		98
30) 1,2,4-Trichlorobenzene	8.092	180	206621	49.181	ng		99
31) Naphthalene	8.175	128	690731	51.738	ng		99
32) Benzoic acid	7.951	122	106970	44.826	ng		98
33) 4-Chloroaniline	8.245	127	28035	7.014	ng		95
34) Hexachlorobutadiene	8.280	225	136498	49.052	ng		99
35) Caprolactam	8.604	113	49582m	43.542	ng		
36) 4-Chloro-3-methylphenol	8.722	107	220627	53.553	ng		100
37) 2-Methylnaphthalene	8.863	142	472615	55.734	ng		99
38) 1-Methylnaphthalene	8.963	142	437287	52.610	ng		100
40) 1,2,4,5-Tetrachloroben...	9.027	216	229975	53.903	ng		99
41) Hexachlorocyclopentadiene	9.010	237	155502	154.662	ng		98
43) 2,4,6-Trichlorophenol	9.151	196	147157	54.968	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	152722	52.563	ng		97
46) 1,1'-Biphenyl	9.327	154	603971	55.508	ng		99
47) 2-Chloronaphthalene	9.357	162	438161	53.145	ng		98
48) 2-Nitroaniline	9.457	65	131194	49.575	ng		96
49) Acenaphthylene	9.769	152	717237	57.576	ng		100
50) Dimethylphthalate	9.627	163	553147	57.631	ng		100
51) 2,6-Dinitrotoluene	9.698	165	112566	51.711	ng		95
52) Acenaphthene	9.939	154	432147	54.597	ng		99
53) 3-Nitroaniline	9.874	138	14074	6.611	ng		98
54) 2,4-Dinitrophenol	9.992	184	123706	106.821	ng		91
55) Dibenzofuran	10.116	168	646525	53.551	ng		100
56) 4-Nitrophenol	10.057	139	87839	60.496	ng		87
57) 2,4-Dinitrotoluene	10.110	165	148890	51.465	ng	#	93
58) Fluorene	10.457	166	520262	53.686	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	124764	55.874	ng	#	92
60) Diethylphthalate	10.327	149	538131	55.182	ng		99
61) 4-Chlorophenyl-phenyle...	10.445	204	263844	55.478	ng		97
62) 4-Nitroaniline	10.486	138	90706	40.622	ng		95
63) Azobenzene	10.610	77	498994	54.033	ng		97
65) 4,6-Dinitro-2-methylph...	10.522	198	81782	64.419	ng		93
66) n-Nitrosodiphenylamine	10.569	169	424588	57.791	ng		100
67) 4-Bromophenyl-phenylether	10.939	248	155058	60.604	ng		96
68) Hexachlorobenzene	11.010	284	172809	58.332	ng		99
69) Atrazine	11.098	200	108412	52.453	ng		98
70) Pentachlorophenol	11.216	266	123810	94.955	ng		98
71) Phenanthrene	11.421	178	683462	57.231	ng		100
72) Anthracene	11.474	178	691591	59.203	ng		100
73) Carbazole	11.633	167	565888	50.355	ng		100
74) Di-n-butylphthalate	11.951	149	787999	60.736	ng		100
75) Fluoranthene	12.615	202	646606	49.869	ng		99
77) Benzidine	12.757	184	9217m	2.194	ng		
78) Pyrene	12.845	202	640574	47.947	ng		100
80) Butylbenzylphthalate	13.457	149	262818	54.608	ng		99
81) Benzo(a)anthracene	14.051	228	552169	57.729	ng		100
82) 3,3'-Dichlorobenzidine	14.015	252	35341	12.307	ng		97
83) Chrysene	14.092	228	481343	55.036	ng		100
84) Bis(2-ethylhexyl)phtha...	14.021	149	369792	60.849	ng		100
85) Di-n-octyl phthalate	14.674	149	616875	74.275	ng		97
87) Indeno(1,2,3-cd)pyrene	17.121	276	472580	45.719	ng		98
88) Benzo(b)fluoranthene	15.151	252	531422	53.341	ng		100
89) Benzo(k)fluoranthene	15.180	252	526667	60.410	ng		100
90) Benzo(a)pyrene	15.527	252	497215	61.381	ng		100
91) Dibenzo(a,h)anthracene	17.127	278	401951	47.482	ng		99
92) Benzo(g,h,i)perylene	17.574	276	318067	36.820	ng		99

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

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