Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122024\
Data File : BF140958.D
Acq On : 20 Dec 2024 18:32
Operator : RC/JU
Sample : P5330-04MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5MSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

Quant Time: Dec 20 21:59:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.851	152	54541	20.000	ng		0.00
21) Naphthalene-d8	8.128	136	203503	20.000	ng		0.00
39) Acenaphthene-d10	9.886	164	117560	20.000	ng		0.00
64) Phenanthrene-d10	11.380	188	214958	20.000	ng		0.00
76) Chrysene-d12	14.033	240	153902	20.000	ng		0.00
86) Perylene-d12	15.527	264	129644	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	507925	153.304	ng		0.02
7) Phenol-d6	6.510	99	635980	144.925	ng		0.01
23) Nitrobenzene-d5	7.422	82	428230	105.280	ng		0.00
42) 2,4,6-Tribromophenol	10.686	330	215198	154.774	ng		0.00
45) 2-Fluorobiphenyl	9.204	172	866629	101.351	ng		0.00
79) Terphenyl-d14	12.963	244	1006364	103.111	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.822	88	61836	43.330	ng	#	83
3) Pyridine	3.569	79	141360	42.772	ng		99
4) n-Nitrosodimethylamine	3.493	42	83044	49.843	ng		98
6) Aniline	6.528	93	57716	15.382	ng	#	1
8) 2-Chlorophenol	6.651	128	192977	53.412	ng		99
9) Benzaldehyde	6.416	77	28207	11.601	ng		95
10) Phenol	6.522	94	226097	49.711	ng		84
11) bis(2-Chloroethyl)ether	6.587	93	176347	51.991	ng		99
12) 1,3-Dichlorobenzene	6.792	146	198021	48.099	ng		97
13) 1,4-Dichlorobenzene	6.869	146	202213	48.388	ng		98
14) 1,2-Dichlorobenzene	7.016	146	191782	48.640	ng		99
15) Benzyl Alcohol	7.004	79	176132	56.135	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.116	45	202236	50.614	ng		99
17) 2-Methylphenol	7.122	107	157331	54.542	ng		99
18) Hexachloroethane	7.351	117	72792	46.789	ng		98
19) n-Nitroso-di-n-propyla...	7.269	70	136746	51.949	ng		98
20) 3+4-Methylphenols	7.281	107	209570	54.789	ng	#	73
22) Acetophenone	7.263	105	276787	54.371	ng	#	93
24) Nitrobenzene	7.439	77	210614	50.543	ng		97
25) Isophorone	7.675	82	369173	54.168	ng		99
26) 2-Nitrophenol	7.751	139	108504	56.536	ng		96
27) 2,4-Dimethylphenol	7.792	122	152516	68.047	ng		99
28) bis(2-Chloroethoxy)met...	7.875	93	220842	51.881	ng		99
29) 2,4-Dichlorophenol	8.010	162	168484	54.448	ng		99
30) 1,2,4-Trichlorobenzene	8.069	180	173785	48.991	ng		99
31) Naphthalene	8.151	128	574864	51.425	ng		100
32) Benzoic acid	7.957	122	94360	44.390	ng		97
33) 4-Chloroaniline	8.216	127	49653	13.374	ng		99
34) Hexachlorobutadiene	8.257	225	112411	47.101	ng		99
35) Caprolactam	8.592	113	46200m	50.151	ng		
36) 4-Chloro-3-methylphenol	8.710	107	187185	53.746	ng		100
37) 2-Methylnaphthalene	8.845	142	385928	52.190	ng		100
38) 1-Methylnaphthalene	8.939	142	361063	49.371	ng		100
40) 1,2,4,5-Tetrachloroben...	9.010	216	190337	52.676	ng		98
41) Hexachlorocyclopentadiene	8.986	237	58731	56.740	ng		95
43) 2,4,6-Trichlorophenol	9.133	196	115996	52.426	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	119151	48.995	ng	99
46) 1,1'-Biphenyl	9.304	154	485644	51.951	ng	99
47) 2-Chloronaphthalene	9.333	162	363887	50.883	ng	99
48) 2-Nitroaniline	9.439	65	114449	52.990	ng	94
49) Acenaphthylene	9.751	152	595245	56.638	ng	100
50) Dimethylphthalate	9.604	163	436668	52.685	ng	100
51) 2,6-Dinitrotoluene	9.681	165	95047	50.163	ng	97
52) Acenaphthene	9.922	154	362020	53.925	ng	100
53) 3-Nitroaniline	9.857	138	34060	18.114	ng	99
54) 2,4-Dinitrophenol	9.980	184	99319	105.187	ng	93
55) Dibenzofuran	10.092	168	549935	52.864	ng	99
56) 4-Nitrophenol	10.051	139	76943	76.290	ng	100
57) 2,4-Dinitrotoluene	10.092	165	132470	53.137	ng	98
58) Fluorene	10.439	166	443670	51.697	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.222	232	108468	54.737	ng	93
60) Diethylphthalate	10.304	149	433086	50.390	ng	100
61) 4-Chlorophenyl-phenyle...	10.422	204	218797	50.753	ng	98
62) 4-Nitroaniline	10.475	138	93529m	47.599	ng	
63) Azobenzene	10.586	77	392585	48.588	ng	97
65) 4,6-Dinitro-2-methylph...	10.510	198	72831	59.792	ng	97
66) n-Nitrosodiphenylamine	10.545	169	385484	58.327	ng	99
67) 4-Bromophenyl-phenylether	10.916	248	130074	54.090	ng	96
68) Hexachlorobenzene	10.986	284	150259	55.110	ng	98
69) Atrazine	11.075	200	125482	67.982	ng	97
70) Pentachlorophenol	11.198	266	104469	104.801	ng	99
71) Phenanthrene	11.404	178	627586	56.774	ng	100
72) Anthracene	11.457	178	649137	59.630	ng	100
73) Carbazole	11.616	167	608541	57.072	ng	100
74) Di-n-butylphthalate	11.927	149	669148	53.472	ng	99
75) Fluoranthene	12.598	202	712346	55.956	ng	100
77) Benzidine	12.721	184	49651	15.807	ng	98
78) Pyrene	12.827	202	730040	53.343	ng	100
80) Butylbenzylphthalate	13.427	149	275011	54.612	ng	98
81) Benzo(a)anthracene	14.021	228	563815	51.690	ng	99
82) 3,3'-Dichlorobenzidine	13.980	252	61942	18.822	ng	97
83) Chrysene	14.057	228	522903	52.719	ng	100
84) Bis(2-ethylhexyl)phtha...	13.986	149	337909	52.040	ng	100
85) Di-n-octyl phthalate	14.610	149	468940	47.737	ng	98
87) Indeno(1,2,3-cd)pyrene	17.051	276	495365	61.230	ng	99
88) Benzo(b)fluoranthene	15.092	252	498705	55.417	ng	100
89) Benzo(k)fluoranthene	15.121	252	389626	50.473	ng	100
90) Benzo(a)pyrene	15.468	252	409060	58.050	ng	99
91) Dibenzo(a,h)anthracene	17.051	278	402986	60.126	ng	99
92) Benzo(g,h,i)perylene	17.504	276	378363	55.466	ng	100

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

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