Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111624\
Data File : BF140428.D
Acq On : 16 Nov 2024 14:31
Operator : RC/JU
Sample : P4833-01MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-731MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024

Quant Time: Nov 18 00:06:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 14:40:06 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	121371	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	446879	20.000	ng		0.00
39) Acenaphthene-d10	9.910	164	242656	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	455463	20.000	ng		0.00
76) Chrysene-d12	14.045	240	245985	20.000	ng		0.00
86) Perylene-d12	15.539	264	276803	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	590726	83.100	ng		0.01
7) Phenol-d6	6.516	99	776518	80.627	ng		0.01
23) Nitrobenzene-d5	7.434	82	500343	58.336	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	217190	90.007	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	906742	60.070	ng		0.00
79) Terphenyl-d14	12.980	244	901830	63.638	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.675	88	129309	40.814	ng		99
3) Pyridine	3.440	79	305168	39.180	ng		99
4) n-Nitrosodimethylamine	3.387	42	165733	42.101	ng		100
6) Aniline	6.534	93	157702	18.823	ng	#	1
8) 2-Chlorophenol	6.663	128	331684	43.437	ng		97
9) Benzaldehyde	6.422	77	31491	5.456	ng		99
10) Phenol	6.528	94	420799	41.431	ng		94
11) bis(2-Chloroethyl)ether	6.604	93	318953	41.446	ng		98
12) 1,3-Dichlorobenzene	6.816	146	349194	41.447	ng		99
13) 1,4-Dichlorobenzene	6.892	146	355044	41.560	ng		99
14) 1,2-Dichlorobenzene	7.045	146	342659	43.206	ng		98
15) Benzyl Alcohol	7.016	79	295672	42.611	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	427078	40.177	ng		74
17) 2-Methylphenol	7.134	107	258952	41.224	ng	#	93
18) Hexachloroethane	7.386	117	132068	41.818	ng		99
19) n-Nitroso-di-n-propyla...	7.281	70	236566	40.670	ng		99
20) 3+4-Methylphenols	7.287	107	339331	43.195	ng		99
22) Acetophenone	7.281	105	442341	42.559	ng		99
24) Nitrobenzene	7.451	77	365476	40.927	ng		100
25) Isophorone	7.692	82	637540	41.941	ng		99
26) 2-Nitrophenol	7.769	139	175538	44.297	ng		98
27) 2,4-Dimethylphenol	7.810	122	253184m	49.905	ng		
28) bis(2-Chloroethoxy)met...	7.898	93	381031	40.880	ng		99
29) 2,4-Dichlorophenol	8.016	162	272060	43.391	ng		99
30) 1,2,4-Trichlorobenzene	8.092	180	285211	40.858	ng		99
31) Naphthalene	8.175	128	966791	42.647	ng		100
32) Benzoic acid	7.928	122	193064	43.247	ng		97
33) 4-Chloroaniline	8.228	127	49080	6.225	ng		99
34) Hexachlorobutadiene	8.292	225	183279	41.208	ng		99
35) Caprolactam	8.586	113	91777m	44.040	ng		
36) 4-Chloro-3-methylphenol	8.716	107	298185	42.914	ng		99
37) 2-Methylnaphthalene	8.869	142	620859	42.712	ng		100
38) 1-Methylnaphthalene	8.969	142	576160	40.477	ng		99
40) 1,2,4,5-Tetrachloroben...	9.033	216	291051	43.374	ng		99
41) Hexachlorocyclopentadiene	9.016	237	237183	137.667	ng		99
43) 2,4,6-Trichlorophenol	9.151	196	196930	44.719	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	203082	42.180	ng	100
46) 1,1'-Biphenyl	9.333	154	769583	43.595	ng	99
47) 2-Chloronaphthalene	9.357	162	571894	42.528	ng	99
48) 2-Nitroaniline	9.457	65	200249	44.902	ng	99
49) Acenaphthylene	9.775	152	949486	46.667	ng	100
50) Dimethylphthalate	9.628	163	694586	43.915	ng	100
51) 2,6-Dinitrotoluene	9.692	165	152875	42.397	ng	99
52) Acenaphthene	9.945	154	645657	46.984	ng	99
53) 3-Nitroaniline	9.863	138	73574	19.429	ng	98
54) 2,4-Dinitrophenol	9.975	184	124670	67.047	ng	98
55) Dibenzofuran	10.116	168	871631	44.805	ng	100
56) 4-Nitrophenol	10.039	139	250750	90.782	ng	99
57) 2,4-Dinitrotoluene	10.098	165	212986	44.881	ng	99
58) Fluorene	10.463	166	673630	43.833	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.239	232	179677	47.264	ng	98
60) Diethylphthalate	10.327	149	699958	43.279	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	327841	43.210	ng	98
62) 4-Nitroaniline	10.480	138	154002	39.774	ng	99
63) Azobenzene	10.610	77	773433	48.400	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	95680	39.045	ng	97
66) n-Nitrosodiphenylamine	10.569	169	596256	45.309	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	197047	43.280	ng	98
68) Hexachlorobenzene	11.010	284	220943	43.131	ng	97
69) Atrazine	11.098	200	193332	48.558	ng	98
70) Pentachlorophenol	11.210	266	224242	81.265	ng	99
71) Phenanthrene	11.427	178	964686	45.088	ng	100
72) Anthracene	11.474	178	988005	47.117	ng	99
73) Carbazole	11.633	167	923569	44.606	ng	100
74) Di-n-butylphthalate	11.957	149	1067134	42.942	ng	100
75) Fluoranthene	12.616	202	982058	40.912	ng	99
77) Benzidine	12.739	184	166657	17.652	ng	98
78) Pyrene	12.845	202	973166	46.251	ng	100
80) Butylbenzylphthalate	13.457	149	372377	46.070	ng	97
81) Benzo(a)anthracene	14.033	228	758075	46.891	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	128644	25.035	ng	98
83) Chrysene	14.074	228	649651	44.042	ng	100
84) Bis(2-ethylhexyl)phtha...	14.015	149	473347	43.874	ng	99
85) Di-n-octyl phthalate	14.645	149	724527	47.682	ng	99
87) Indeno(1,2,3-cd)pyrene	17.045	276	639358	37.392	ng	99
88) Benzo(b)fluoranthene	15.104	252	786959	43.461	ng	99
89) Benzo(k)fluoranthene	15.133	252	617069	41.716	ng	99
90) Benzo(a)pyrene	15.480	252	680219	48.375	ng	99
91) Dibenzo(a,h)anthracene	17.056	278	535258	37.871	ng	99
92) Benzo(g,h,i)perylene	17.498	276	452153	31.292	ng	100

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

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